



STEMFest24

Empowering students as thinkers, problem solvers through engaging activities, insightful talks.

How to submit projects



Step 1

Choose a theme from the themes provided

For Example: Affordable and clean energy

- Go to Google and search about this topic, watch videos or search in Chat-GPT
 - Based on it choose the problem statement
-

Step 2

Choose a problem statement and its solutions

1. Develop an informative campaign to educate the community about the benefits of renewable energy, emphasizing the environmental advantages, cost savings, and long-term sustainability. **(Canva Poster/PPT)**
2. Establish an online platform (website, social media group) to share information, success stories, and resources related to renewable energy. Facilitate discussions and provide a space for community members to ask questions and seek advice. **(App Inventor/ HTML/WIX)**

Step 3 | Choosing a platform

You can use :

1. **Coding Platforms**

Canva, Scratch, Code.org, App Inventor, Krita, MS Paint, Python, HTML, WIX

2. **Robotics Kit**

Step 4 | Scratch Based Solution

Type scratch and open the first link



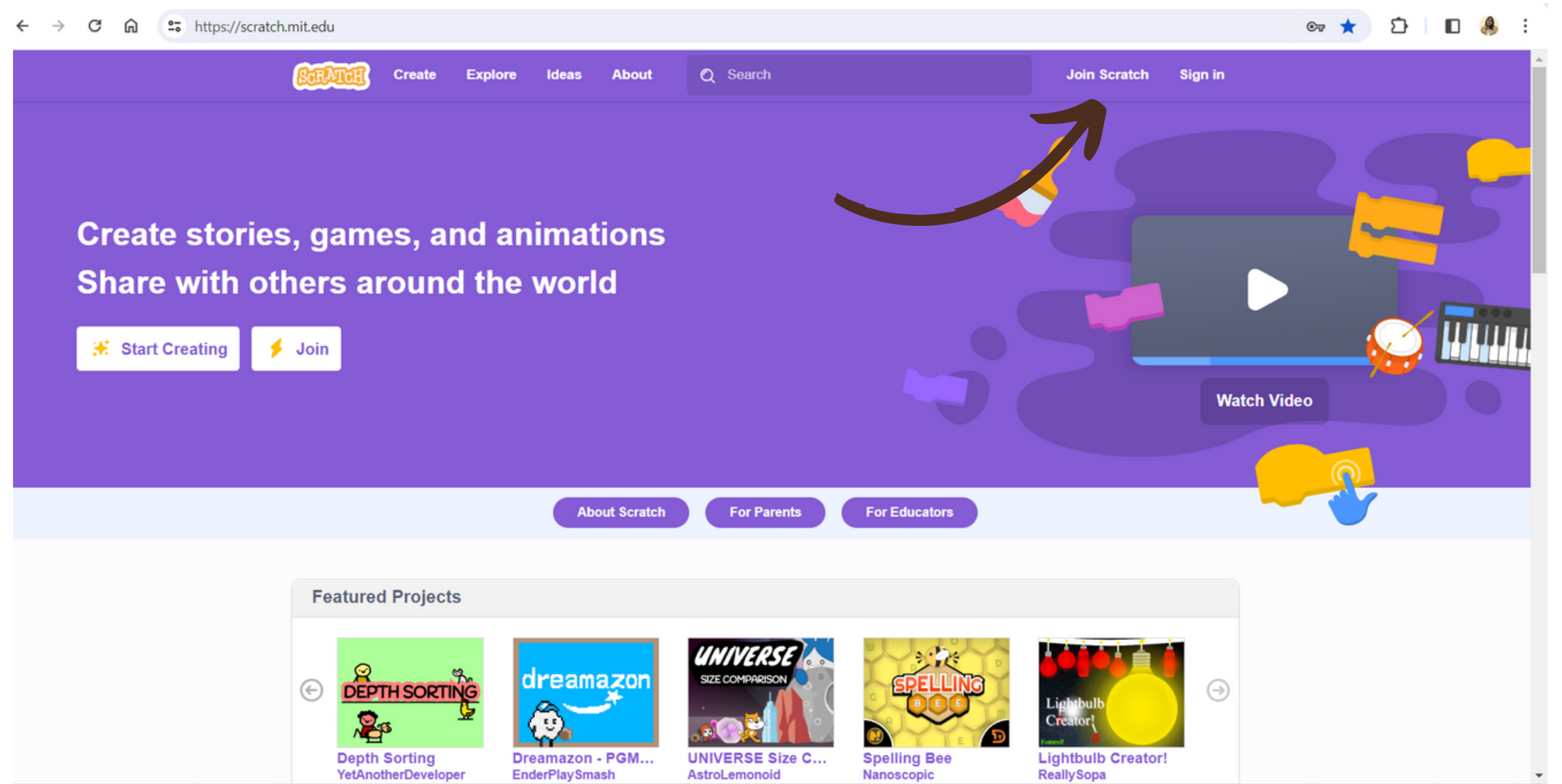
Google search results for "scratch". The search bar contains "scratch". Below the search bar are filters: Images (2), Download, Games (3), Login, Videos (1), Shopping. A "Generate" button is visible. The first search result is "Scratch" with the URL "https://scratch.mit.edu". The result description says "Scratch - Imagine, Program, Share" and "Scratch is a free programming language and online community where you can create your own interactive stories, games, and animations." Below the result are links for "Download", "Explore", "Scratch 2.0 Offline Editor", "Join Scratch", and "Scratch Online". A URL bar at the bottom shows "https://scratch.mit.edu".

Scratch website content. It features a "3D SCRATCH" banner with the Scratch logo and a "Scratch" section. The "Scratch" section describes it as a "High-level programming language" and a "high-level block-based visual programming language and website aimed primarily at children as an educational tool, with a target audience of ages 8 to 16. Users on the site can create projects on the website using a block-like interface. Wikipedia".

Step 4

Scratch Based Solution

Click on **Join Scratch**



Step 4

Scratch Based Solution

1. Fill in your details
2. Click on **Next**

Scratch

Join Scratch

Create projects, share ideas, make friends. It's free!

Create a username

Don't use your real name

Create a password

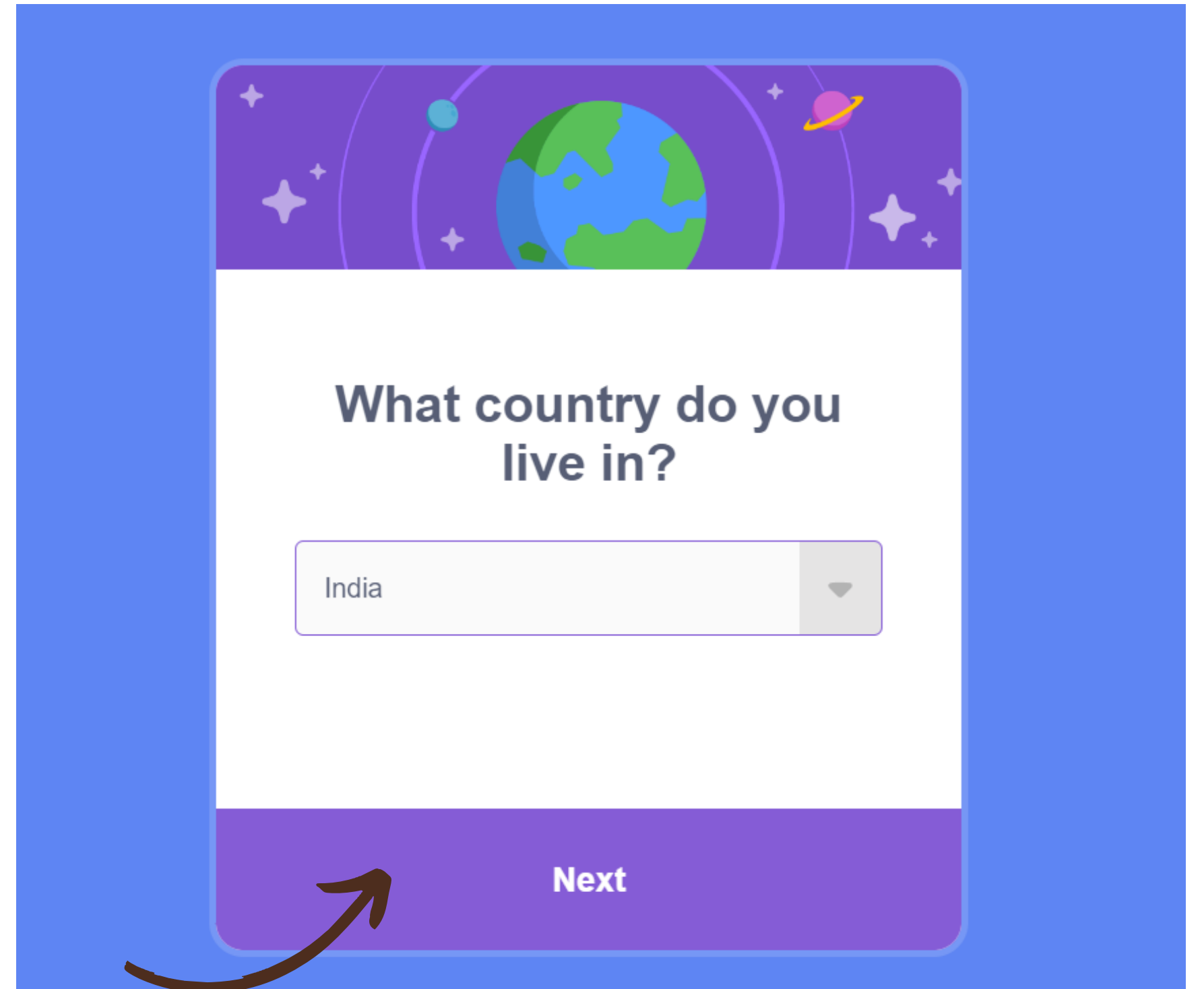
Show password

Next

Step 4

Scratch Based Solution

1. Select a country
2. Click on **Next**

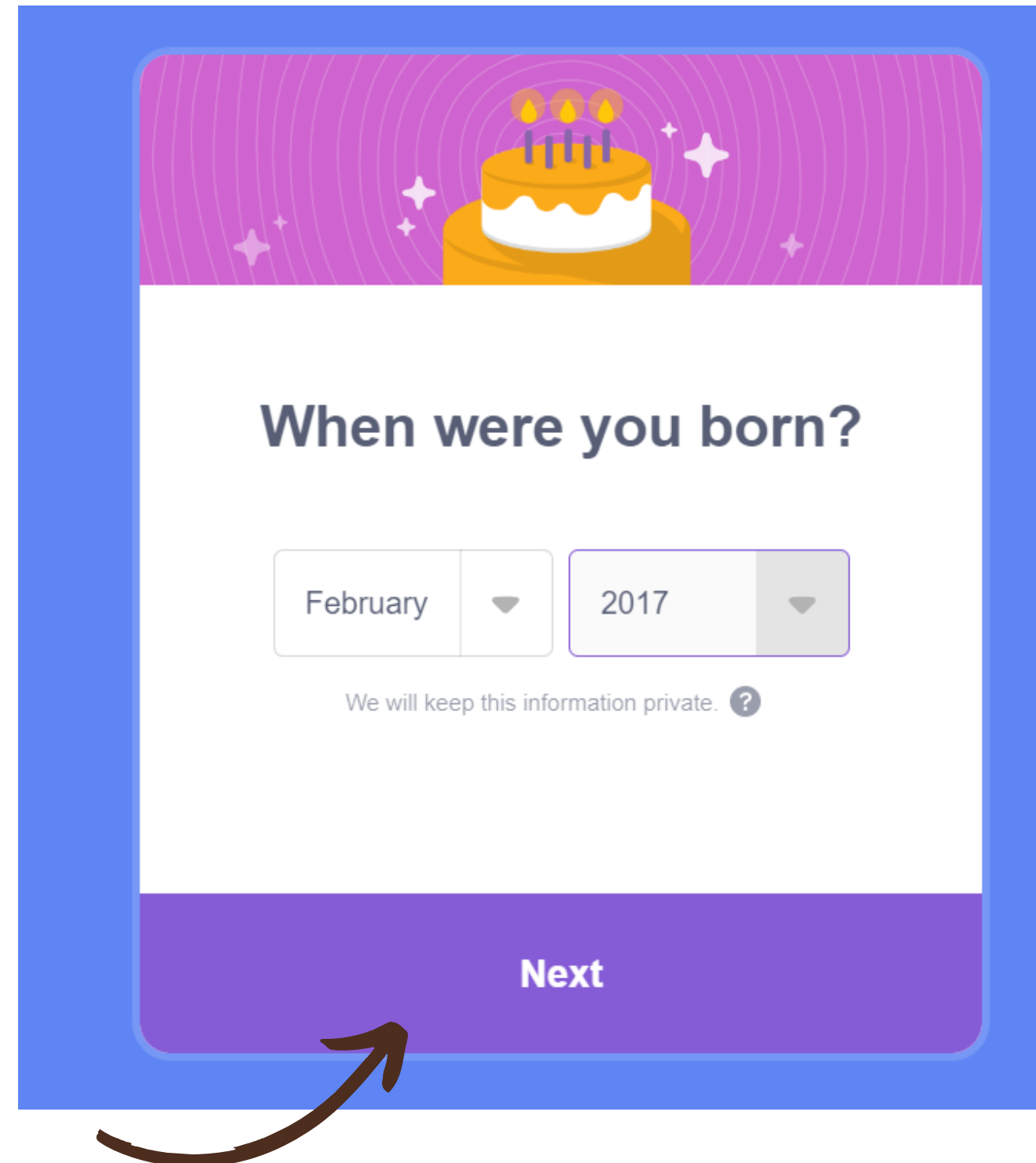


A Scratch-based form with a blue background. At the top is a decorative header with a purple-to-blue gradient, featuring a globe, stars, and planets. Below the header, the text "What country do you live in?" is centered. Underneath is a dropdown menu with "India" selected. At the bottom is a purple button labeled "Next". A brown arrow points from the bottom left towards the "Next" button.

Step 4

Scratch Based Solution

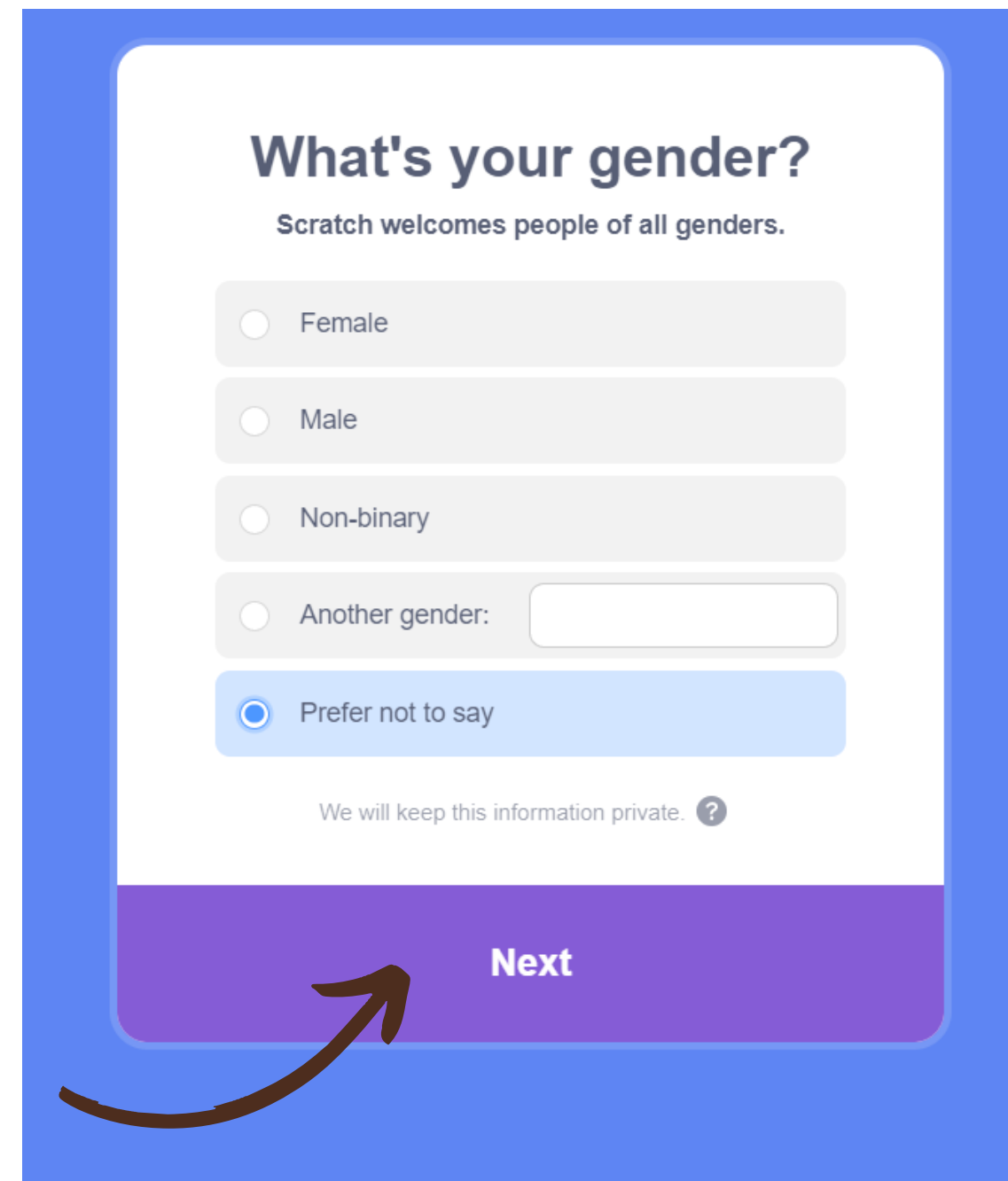
1. Choose your Birthday
2. Click on **Next**



The image shows a Scratch-based form for entering a birthday. At the top, there is a decorative banner with a purple background and a yellow birthday cake with three lit candles. Below the banner, the text "When were you born?" is displayed. Underneath, there are two dropdown menus: the first is set to "February" and the second is set to "2017". Below these menus, a small text line reads "We will keep this information private." followed by a question mark icon. At the bottom of the form, there is a purple button labeled "Next". A brown arrow points from the bottom left towards the "Next" button.

Step 4 | Scratch Based Solution

1. Choose your gender
2. Click on **Next**



What's your gender?
Scratch welcomes people of all genders.

Female

Male

Non-binary

Another gender:

Prefer not to say

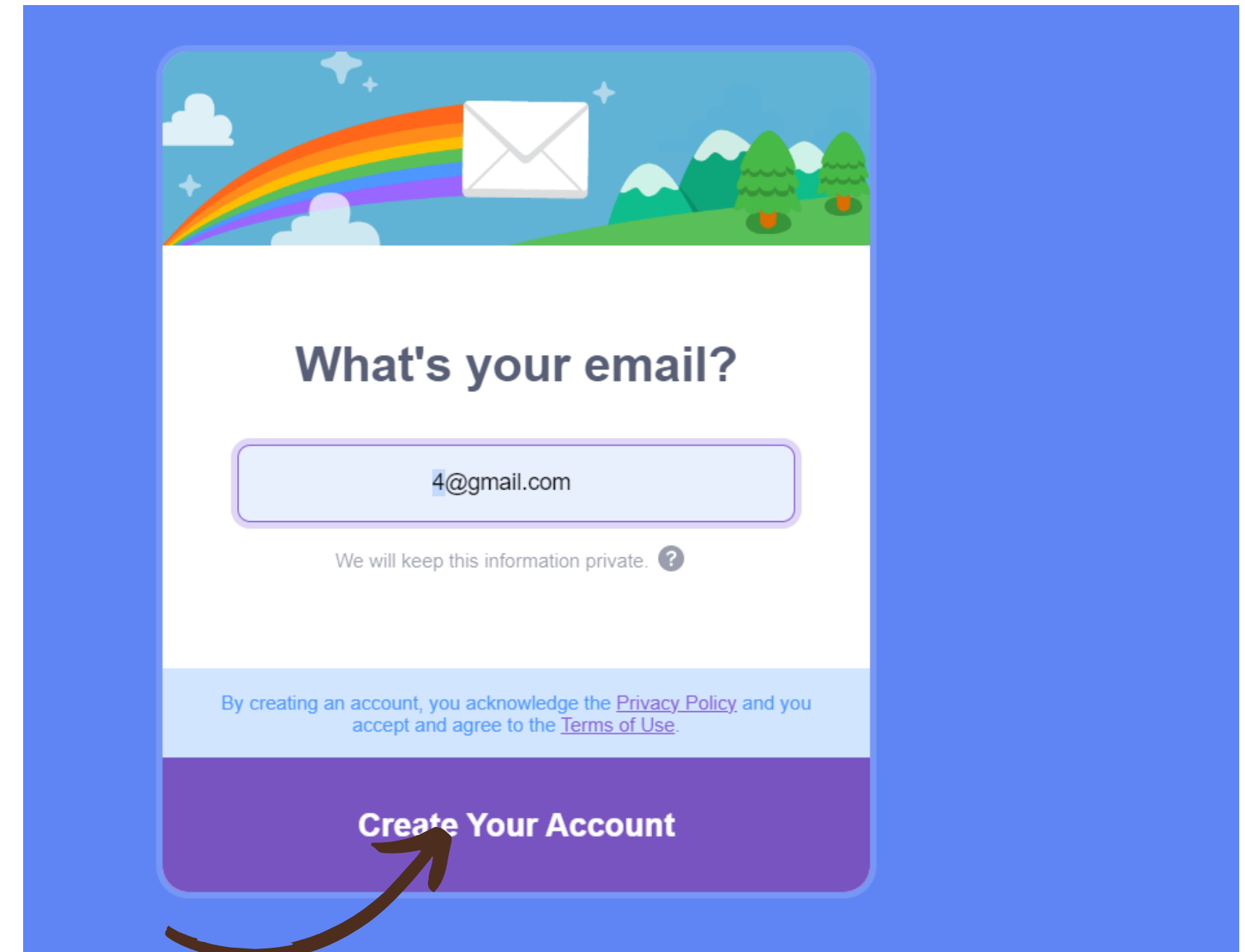
We will keep this information private. [?](#)

Next

A hand-drawn brown arrow points from the bottom left towards the 'Next' button.

Step 4 | Scratch Based Solution

1. Choose your parent or teacher's **Email**
2. Click on **Create your account**



Step 4

Scratch Based Solution

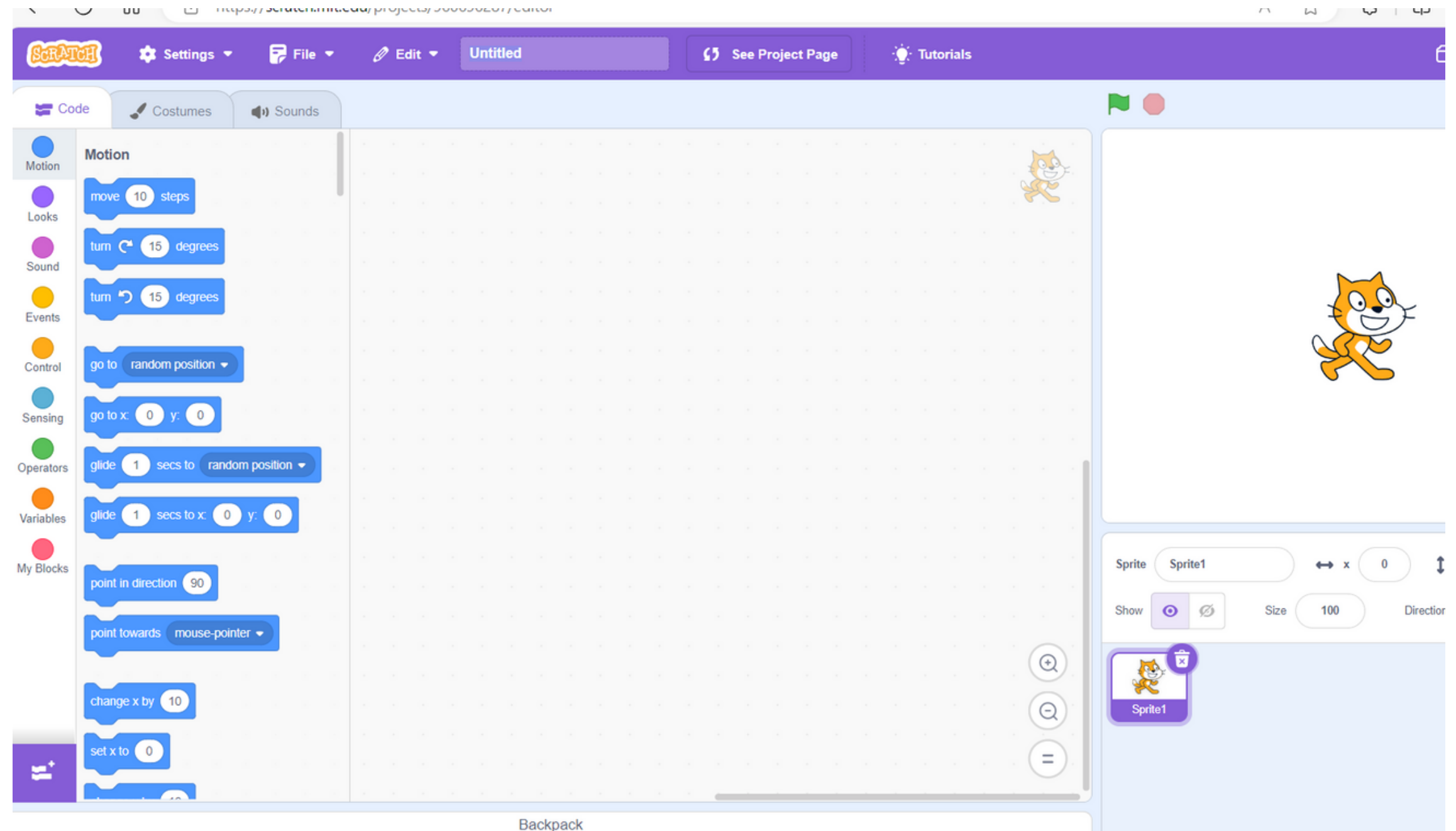
1. Click on create

The screenshot shows the Scratch website homepage. The browser address bar displays 'ratch.mit.edu'. The navigation bar includes the Scratch logo, 'Create', 'Explore', 'Ideas', and 'About' buttons, along with a search bar and user profile information for 'A_BS123'. A notification banner at the top right reads 'Confirm your email to enable sharing. Having trouble?'. The main content area is divided into three sections: 'Welcome to Scratch!' with three columns of links ('Learn how to make a project in Scratch', 'Try out starter projects', 'Connect with other Scratchers'), 'Scratch News' with three news items ('Happy Black History Month!', 'Wiki Wednesday', 'New Scratch Design Studio!'), and 'Featured Projects' with five project thumbnails: 'Depth Sorting', 'Dreamazon', 'UNIVERSE Size Comparison', 'Spelling Bee', and 'Lightbulb Creator!'. A brown arrow points from the 'Create' button in the navigation bar to the 'Learn how to make a project in Scratch' link in the 'Welcome to Scratch!' section.

Step 4

Scratch Based Solution

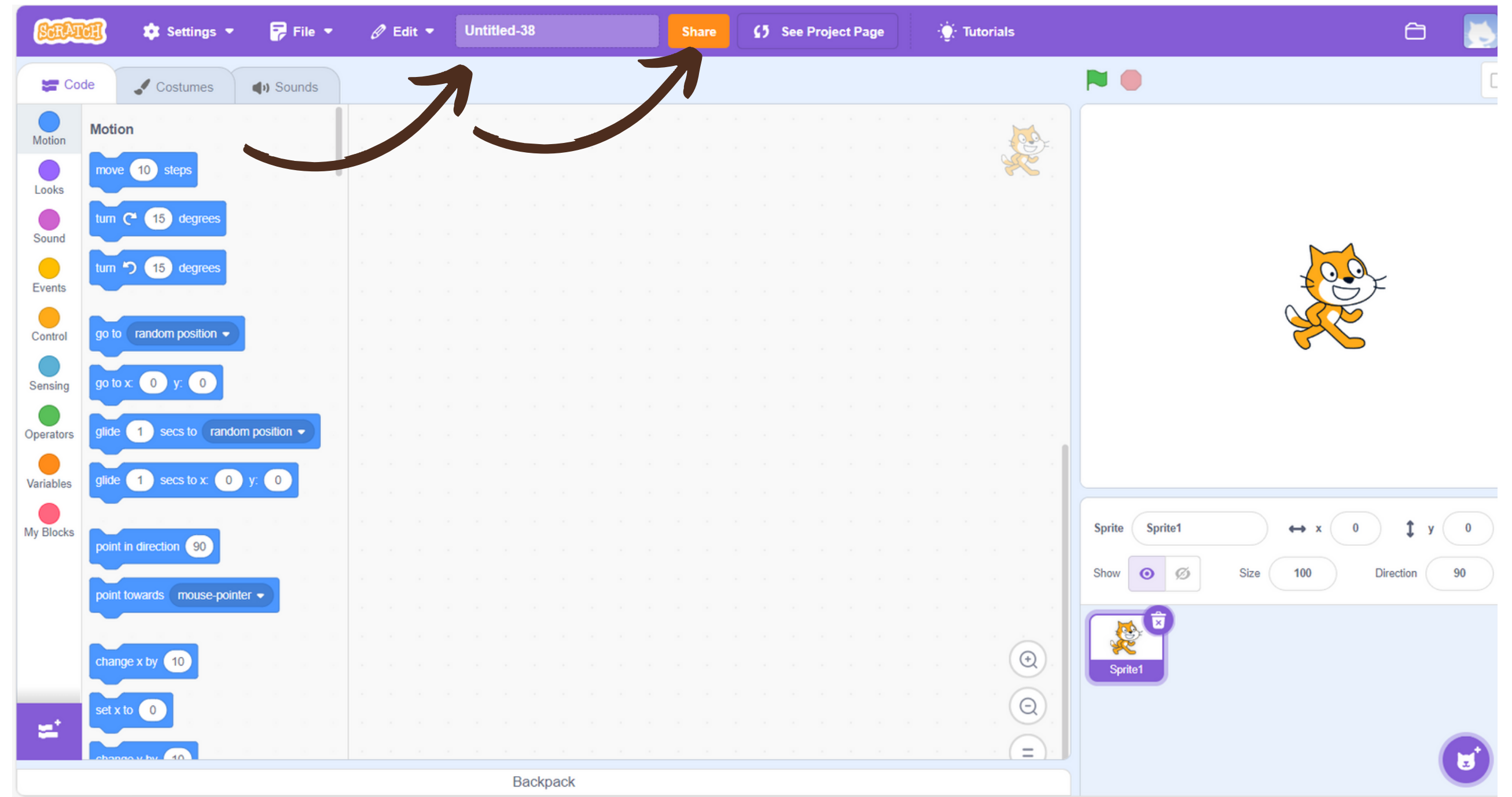
1. Complete the project



Step 4

Scratch Based Solution

1. Rename the project
2. Click on **Share**



Step 4

Scratch Based Solution

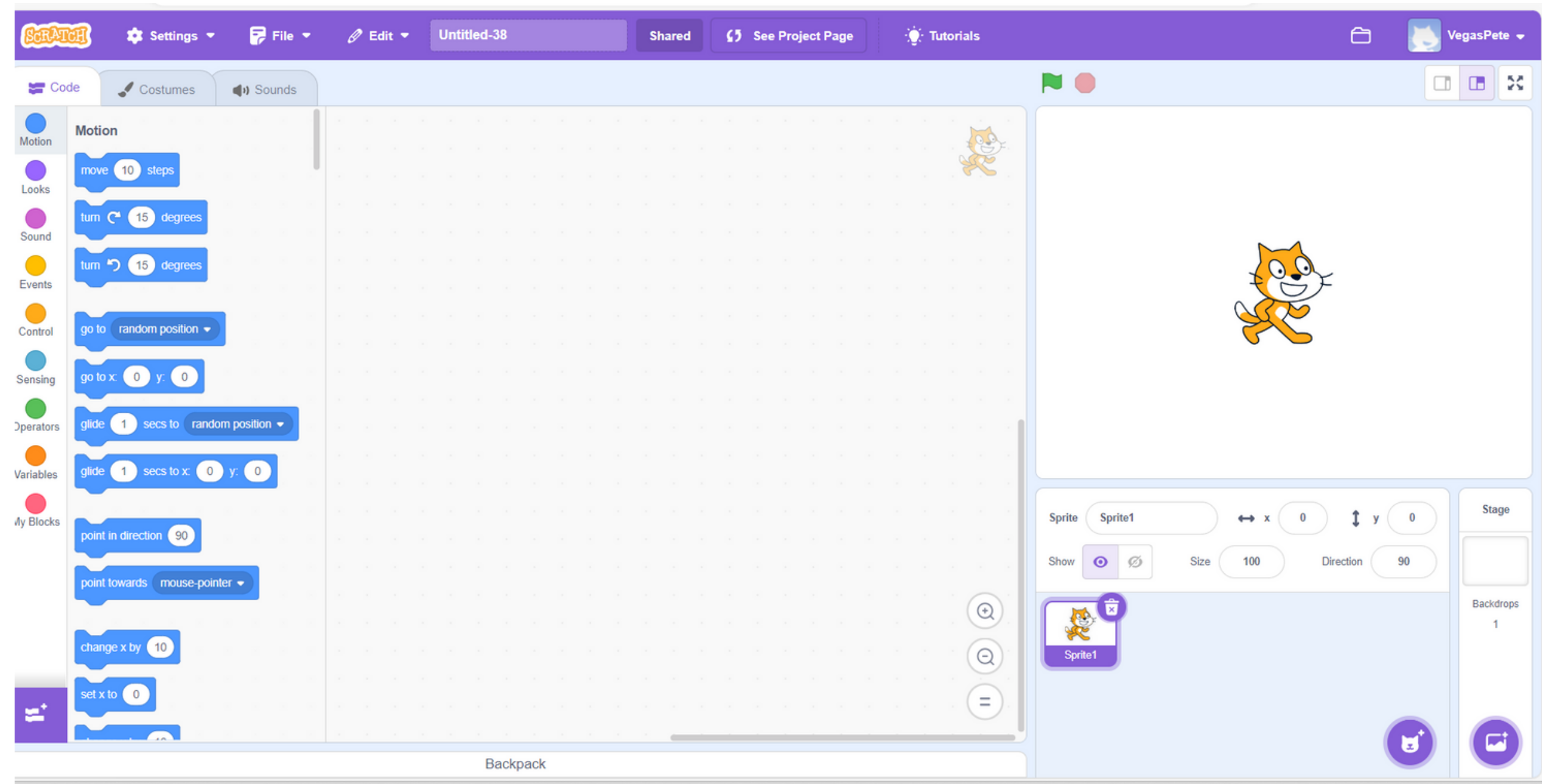
1. Rename the project
2. Click on **See Inside**

The screenshot shows a Scratch project page. At the top, a green banner reads "Your project is now shared." Below this, the project title "Untitled-38" is displayed next to a Scratch cat icon. A purple button labeled "See inside" is located to the right of the title. A brown arrow points from the "See inside" button to the project title. Another brown arrow points from the "See inside" button to the "See inside" button itself. The main area of the page is divided into two sections: "Instructions" and "Notes and Credits". The "Instructions" section contains the text "Tell people how to use your project (such as which keys to press)." The "Notes and Credits" section contains the text "How did you make this project? Did you use ideas, scripts or artwork from other people? Thank them here." At the bottom of the page, there are icons for likes (0), favorites (0), remixes (0), and views (1). To the right of these icons, it says "© Unshared" and there are two buttons: "+ Add to Studio" and "Copy Link". At the very bottom, there is a "Comments" section with a toggle switch for "Commenting on" which is currently turned on.

Step 4

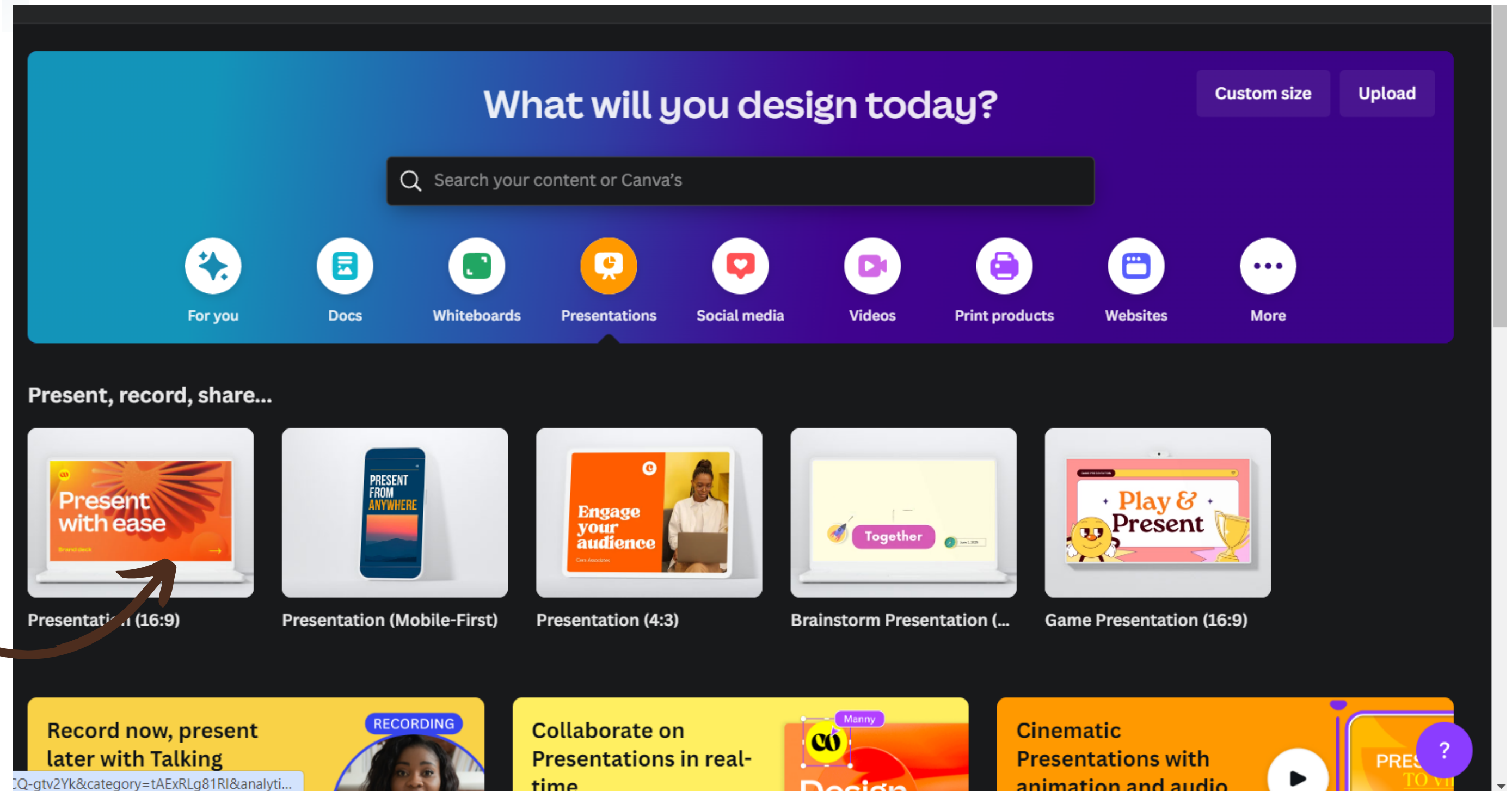
Scratch Based Solution

Create your project



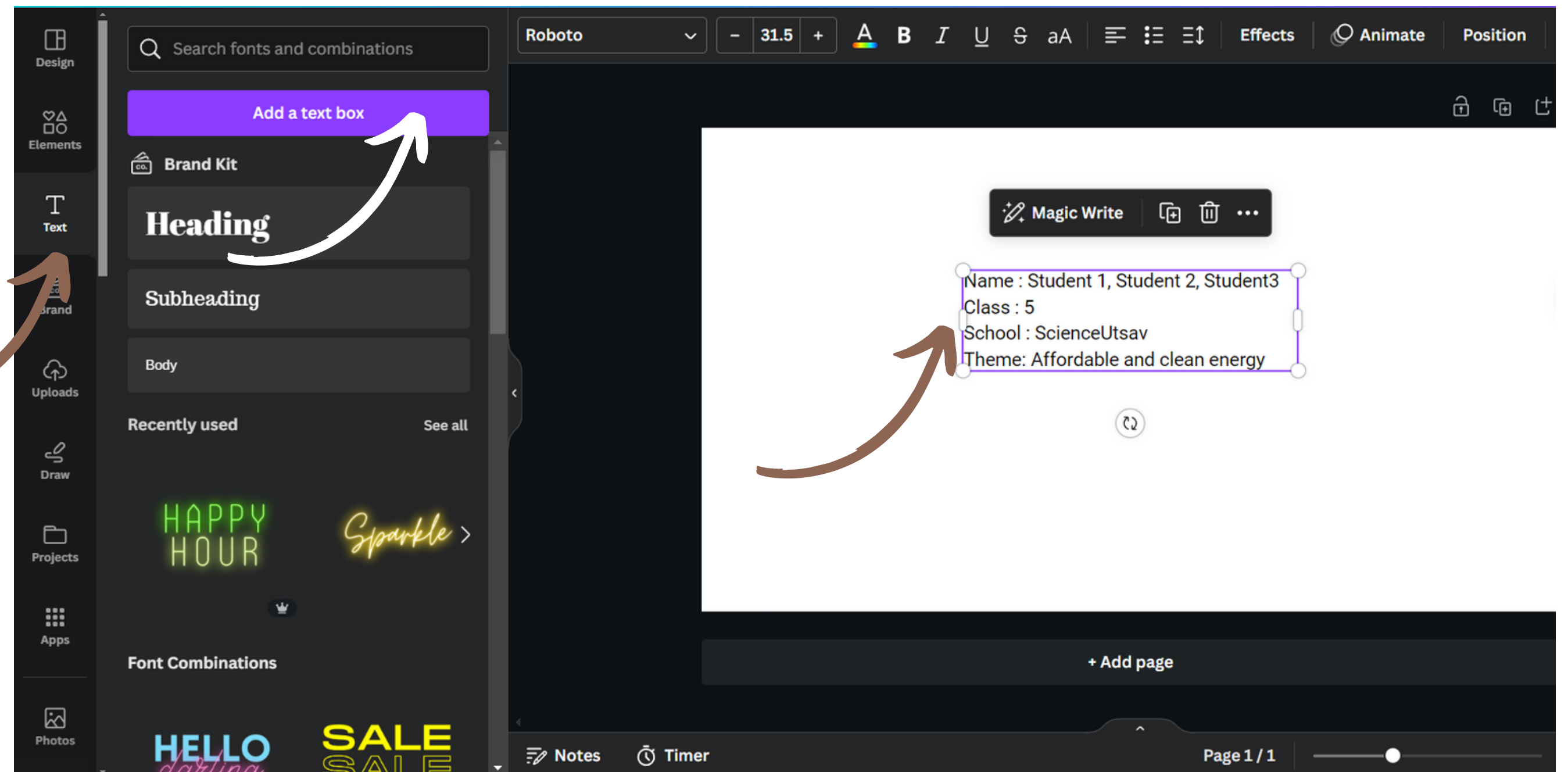
Step 5 Making PPT

1. Go to Canva
2. Click on Presentation
3. Scroll down to choose a template or
4. Click on Presentation 16:9



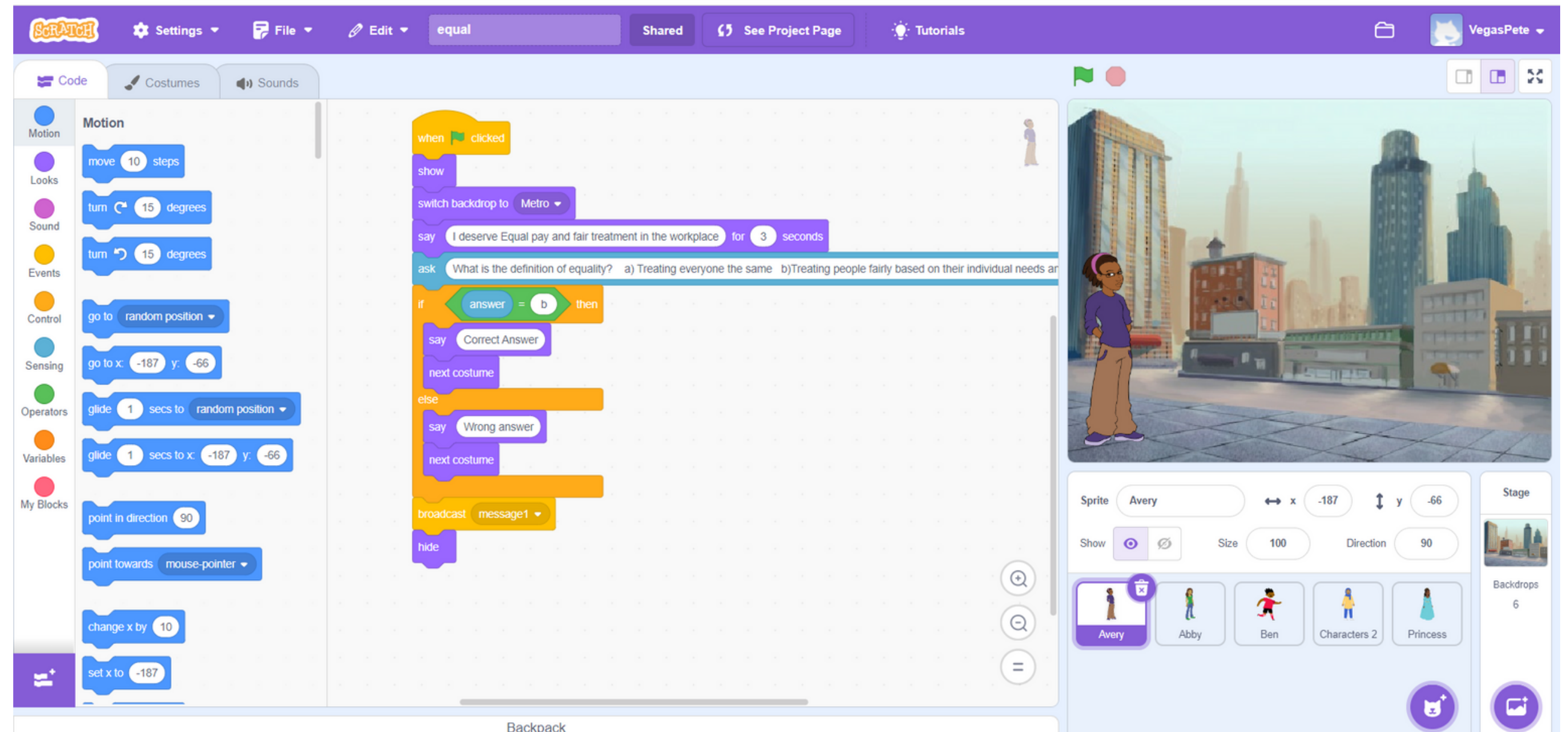
Step 5 Making PPT

1. Click on Text
2. Add a text box
3. Add the information as mentioned



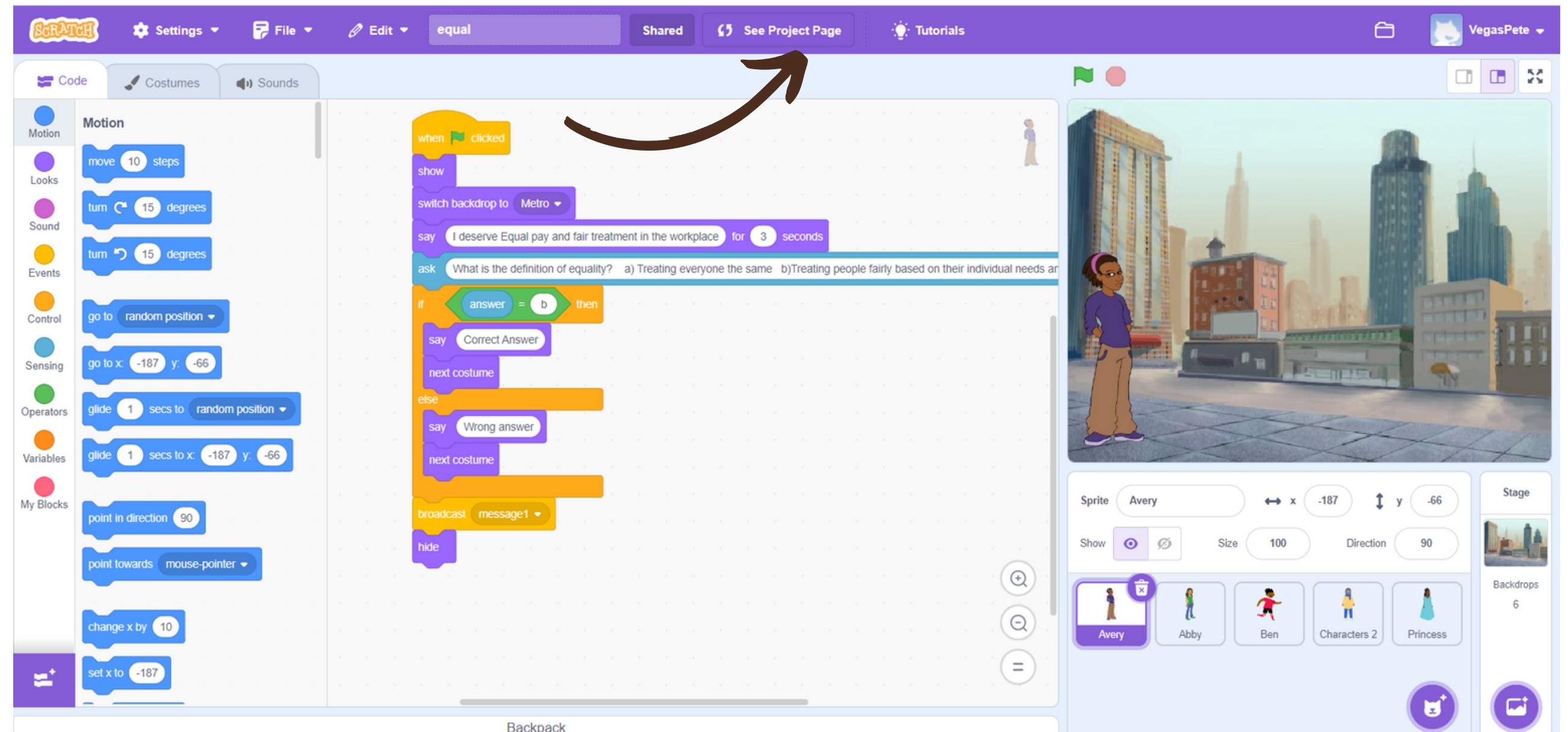
Step 5 Making PPT

Add the screenshot of the project to your PPT



Step 5 Making PPT

Click on **See Project Page**



Step 5 Making PPT

Your project is now shared.



equal

See inside



Instructions

Tell people how to use your project (such as which keys to press).

Notes and Credits

How did you make this project? Did you use ideas, scripts or artwork from other people? Thank them here.



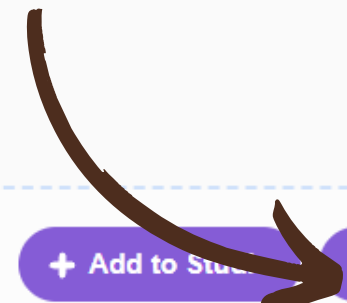
0 0 0 1

Unshared

+ Add to Story

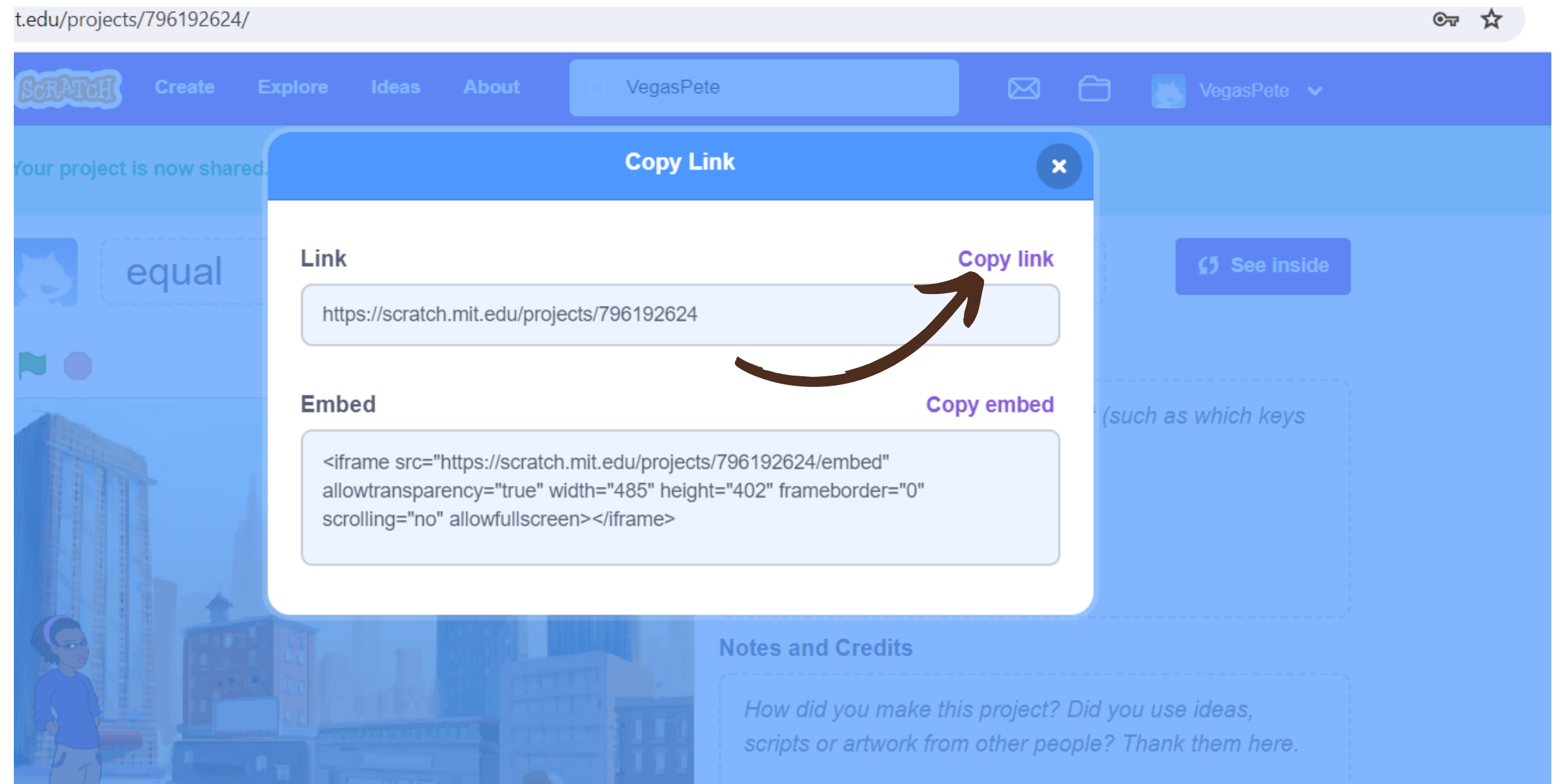
Copy Link

Click o **Copy Link**



Step 5 Making PPT

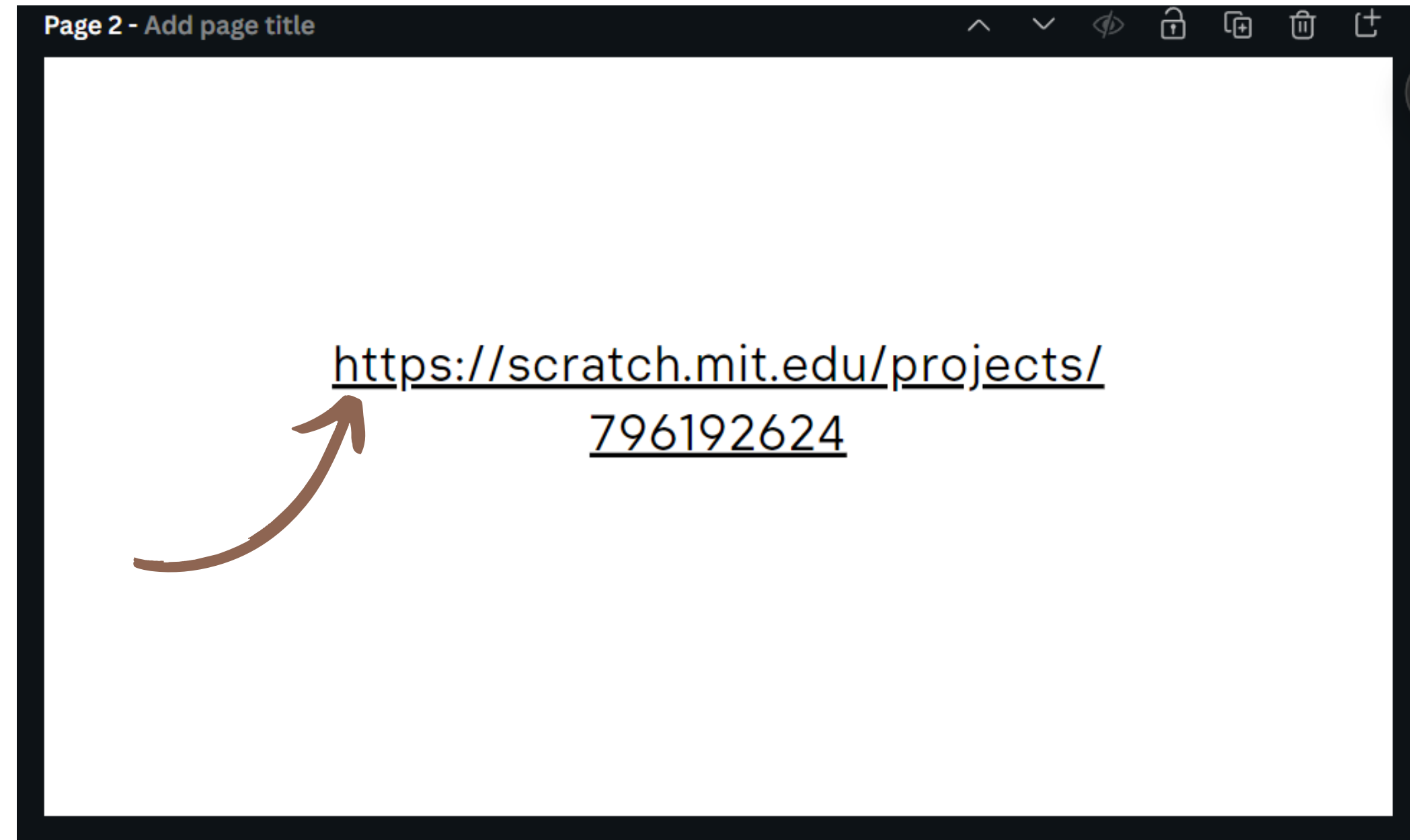
Click on **Copy Link**



The screenshot shows a web browser window displaying a Scratch project page. The address bar shows the URL `scratch.mit.edu/projects/796192624/`. The page header includes the Scratch logo, navigation links (Create, Explore, Ideas, About), and a user profile for 'VegasPete'. A modal dialog box titled 'Copy Link' is centered on the screen. It contains two sections: 'Link' and 'Embed'. The 'Link' section shows the URL `https://scratch.mit.edu/projects/796192624` in a text input field, with a 'Copy link' button to its right. A brown arrow points from the text input field to the 'Copy link' button. The 'Embed' section shows an HTML `<iframe>` code snippet, with a 'Copy embed' button to its right. The background of the page is dimmed, showing a project titled 'equal' and a 'See inside' button.

Step 5 Making PPT

Add link of the project



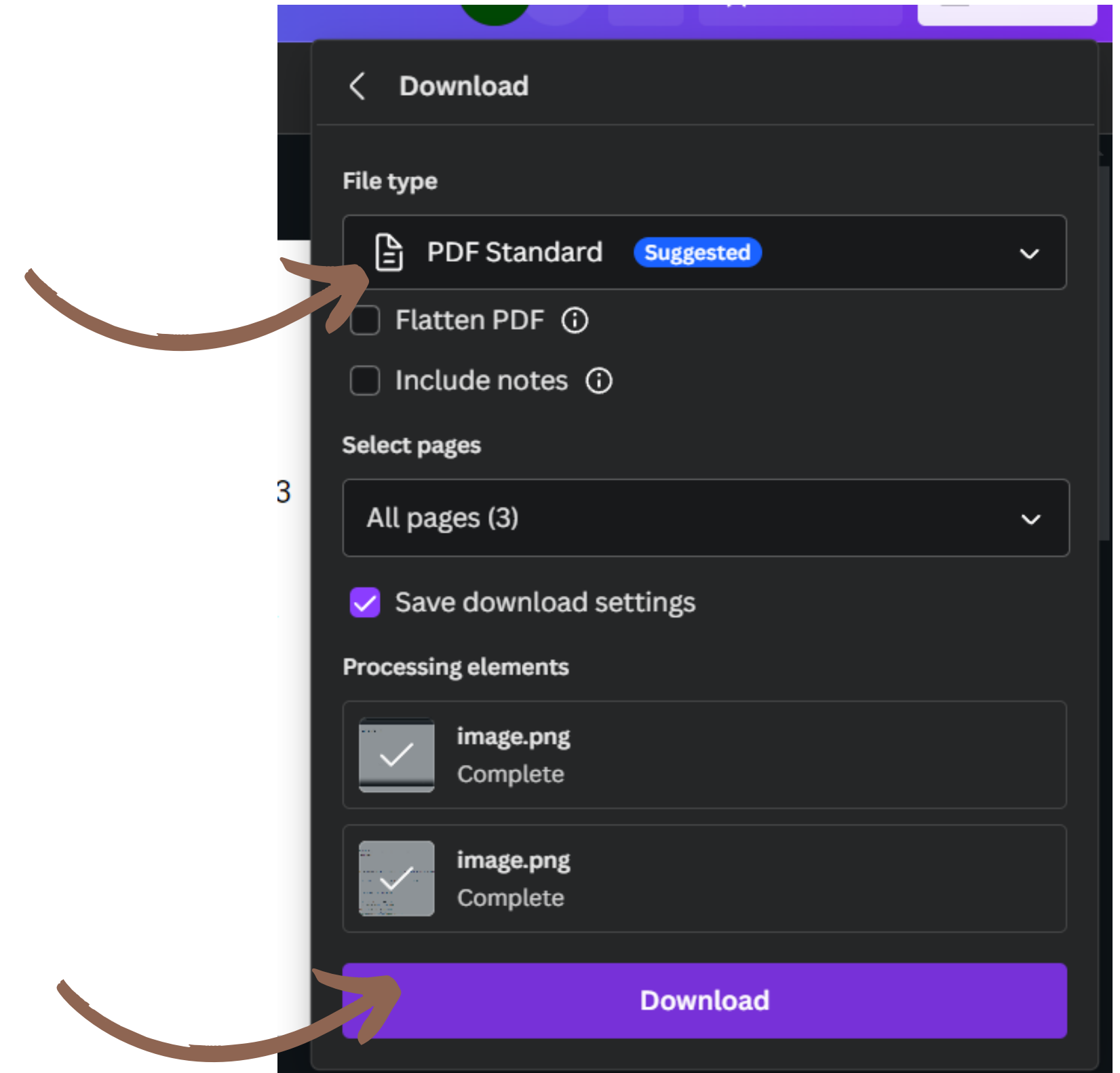
Step 5 Downloading PPT

1. Click on Share
2. Click on Download

The screenshot displays the Canva design editor interface. At the top, a blue header bar contains the text "Name : Student 1, Student 2, Student3 Class : 5" and several icons: a green circle with a white 'S', a plus sign, a bar chart, a "Present" button, and a "Share" button. The "Share" button is highlighted with a red arrow. Below the header, the main workspace shows a slide titled "Page 1 - Add page title" with a white background and a black border. The slide content includes:
Name: Student 1, Student 2, Student3
Class: 5
School: ScienceUtsav
Theme: Affordable and clean energy
Below the slide, the text "Page 2 - Add page title" is visible. A red arrow points from the "Share" button to a dropdown menu that is open. The menu is dark grey and contains the following options:
- "Share this design" (header)
- "People with access Edit" (with a link to "Edit")
- A text input field: "Add people, groups, or your team"
- A yellow circle with a white 'S' and a plus sign
- "Collaboration link" (header)
- A dropdown menu: "Only you can access" (with a lock icon and a downward arrow)
- A red button: "Copy link"
- Four icons with labels: "Present" (with a play icon), "Website" (with a globe icon), "Microsoft PowerPoint" (with a red 'P' icon), and "Public view link" (with a link icon)
- "Download" (with a downward arrow icon and a rightward arrow)
- "Share on social" (with a heart icon and a rightward arrow)
- "Print with Canva" (with a printer icon and a rightward arrow)

Step 5 | Downloading PPT

1. Choose **PDF Standard**
2. Click on **Download**



Step 6

How to Upload the PDF

Click on **Click here**

The screenshot shows a web browser window with the URL <https://stemfest.scienceutsav.com>. The main content is a promotional poster for the "STEM FEST HACKATHON 4TH FEB, 2024". The poster features the Science Utsav logo, a cartoon illustration of a child coding, and two speakers: Preeti Singh, Instructional designer, and Deepthi Shivaramu, Senior Engineering Manager at VMware. It lists the schedule, prizes, and benefits. A "REGISTER NOW" button and a QR code are also present on the poster. Below the poster, the text "Click below to check format and submit project" is displayed, with a "Click here" button. A black arrow points from the QR code on the poster to the "Click here" button.

Hack-a-thon

Schedule: 4-Feb-2024
Grade 1 to 4: 10:00am – 12:00pm
Grade 5 to 9: 2:00pm – 4:00pm

The Coding platforms to use:
Grade 1 to 4: Canva, Scratch, Code.org, App Inventor, Krita, MS Paint
Grade 5 to 9: Canva, Scratch, Python, HTML, WIX

- The Hack-a-thon ignites creativity, problem-solving, and tech curiosity among young minds.
- Engaging in interactive activities and hands-on experiences, kids explore cutting-edge technologies and enhance coding skills.
- Participants have an opportunity to exhibit their creations and tackle real-world challenges, nurturing growth and development.
- Students will engage in enjoyable debugging activities during the event.
- Engage in fascinating conversations with speakers focusing on unconventional yet promising careers in IT.

[Register Now](#)

Click below to check format and submit project

[Click here](#)

Step 7 How to Upload

Hackathon Theme for grade 1 to 4

Full Name Participant 1

Full Name Participant 2

Full Name Participant 3

Name of School

Phone

Email ID

Class

Fill in your details

0% [Next](#)



Step 7 How to Upload

Click on **Choose File** and then choose file

Hackathon Theme for grade 1 to 4

Theme 1 : Affordable and clean energy

Image, Doc file and PDF can be uploaded. **Always include screenshots of the output.**

Choose File No file chosen

Comments

Previous

50 %

Next

Choose the file and click on **Open**

Desktop

Downloads

Documents

Pictures

Music

Affordable and clean energy Student Na... 01-02-2024

Senior DPDT Switch Controlled Robot Car 01-02-2024

Junior DPDT Switch Controlled Robot Car 01-02-2024

Hackathon csvs 01-02-2024

Yesterday

Select a file to preview.

File name:

All Files

Open

Cancel

Step 7 | How to Upload

Click on **Copy Link**
in comment

HACKATHON THEME grade 5 to 5

Theme 1 : Industry, innovation and infrastructure

Image, Doc file and PDF can be uploaded. **Always include screenshots of the output.**

Choose File 2024 PDF H...ersion (1).pdf



<https://scratch.mit.edu/projects/796192624>

Previous

50 %

Next

Step 7 | How to Upload

Hackathon Theme for grade 1 to 4

Theme 2 : Sustainable cities and communities

Image, Doc file and PDF can be uploaded. **Always include screenshots of the output.**

Choose File No file chosen

Comments

Previous

Submit

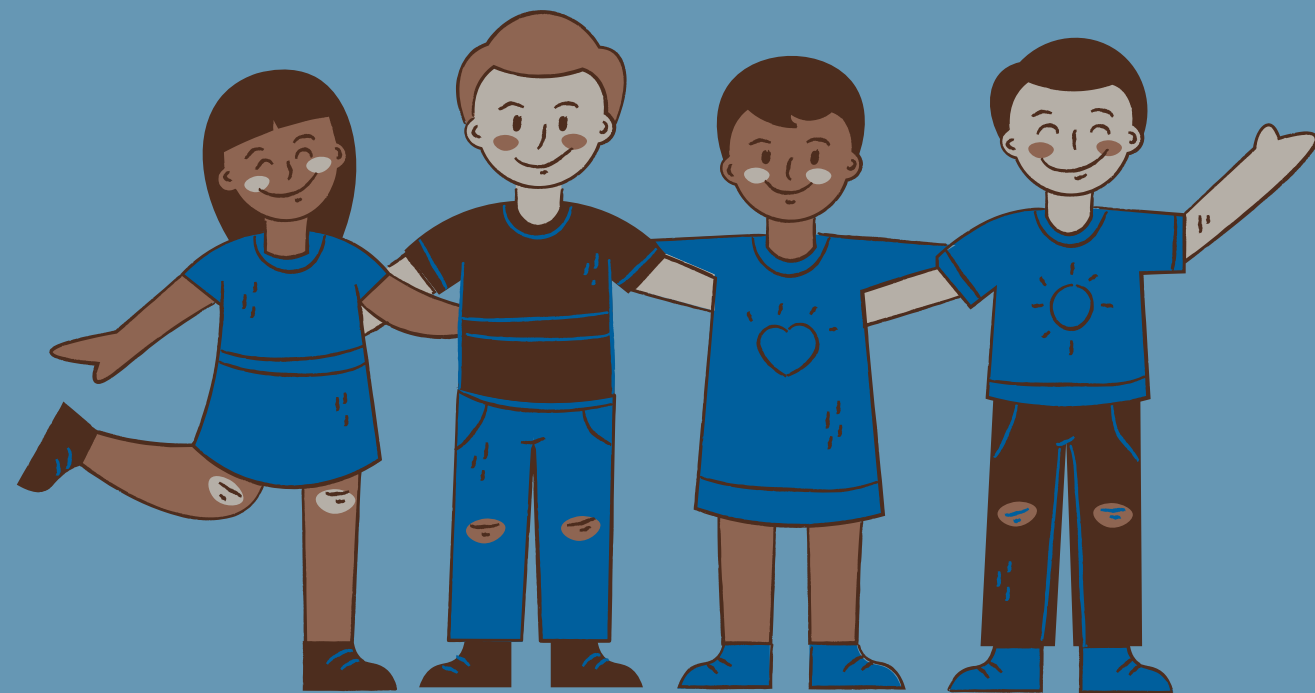


Click on **Next** and click on **Submit**



THANK YOU

Reach out to us for
inquiries or comments.



Phone Number

9216367620

Email Address

info@scienceutsav.com

technology.scienceutsav@gmail.com

Website

stemfest.scienceutsav.com

www.scienceutsav.com