

INSTRUCTIONS:

Goal of the Project:

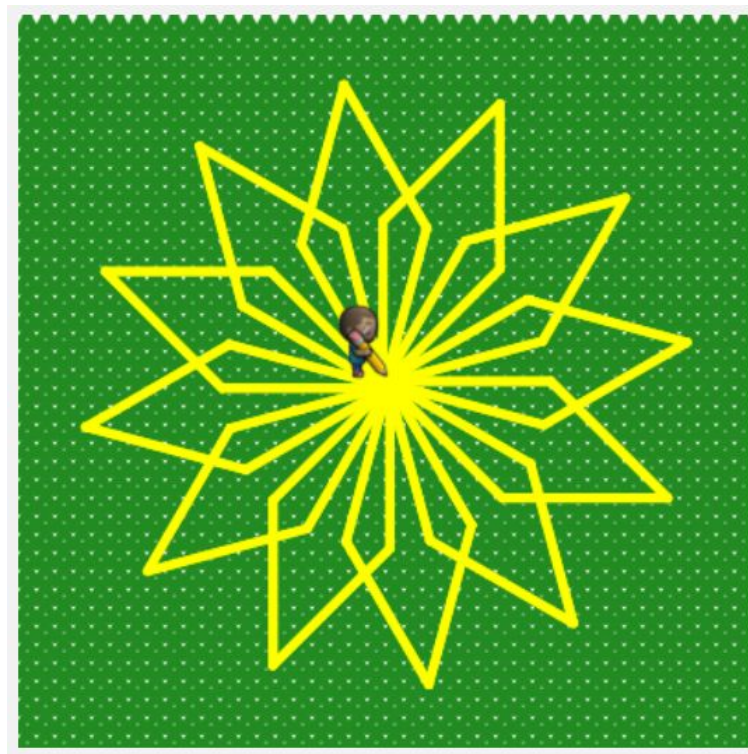
In Class 11, you have learned how to create interesting patterns by applying Nested Repeat Loops.

In this project, you will have to practice and apply what you have learned in the class and draw a Flower in the garden.

Story:

It is wonderful to walk through a garden of blooming flowers in the morning air. Flowers spread joy and beauty around the world.

Let's take a moment and admire the beauty of nature. Create a project to draw a Flower pattern on the green land.



***This is just for your reference. We expect you to apply your own creativity to the project.**

Getting Started:

1. Login to code.org.
2. Click on the following link: [Project Template](#).
3. Click on "How it Works".
4. Click on "Remix".
5. Rename it and click on **Save**.

Specific Tasks to complete the Project:

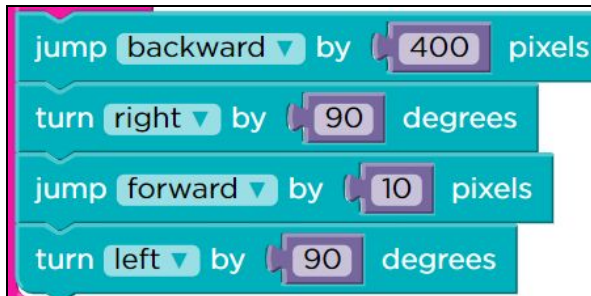
1. Artist has already moved to the top-left position to draw a garden pattern.
2. Create a green-colored triangular pattern on the canvas first.
3. And then Bring Artist to the center of the canvas to draw a flower.
4. Click on "Run" once to have a look at the pattern.

Submitting the Project:

1. Click on "Run" once to have a look at the project.
2. Click the "SHARE" button to generate a shareable link.
3. Copy this link and submit it in the Student Dashboard Projects panel against the correct class number.

Hints:

1. Use code to draw small triangles of 10pixels all-around the canvas to give a green garden-like look. Draw 40 small triangles in one row. Repeat this process for all 40 lines.
2. You can use the below code to come to the next line.



3. After each triangle is drawn, use the 'jump' block with 10pixels.
4. Once a garden pattern is drawn, bring an Artist to the center of the canvas using the 'jump' block to draw a flower pattern as shown in the image.
5. Use the 'repeat' block to draw 12 petals and draw a colorful flower.
6. Draw a line, then take a right-turn of 45 degrees, repeat this twice then again take a right-turn of 90 degrees. Repeat the given instructions 2 times to draw one petal.

REMEMBER... Try your best, that's more important than being correct.

After submitting your project your teacher will send you feedback on your work.

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