Task # 11:

Task-1: Create a Rainbow Drawing Application Using Canvas and Input Type Color in HTML and JavaScript

Description: In this task, you are required to develop a simple application that allows users to create a rainbow using HTML canvas. Users will be able to select the colors for each section of the rainbow using input type color pickers.

Below are the key features and requirements for your project:

1. **Rainbow Drawing**: Implement a feature that draws a rainbow on the canvas. The rainbow should consist of multiple sections, each with a different color chosen by the user.
2. **Color Selection**: Provide input type color pickers for users to select colors for each section of the rainbow. Ensure that the color picker allows users to pick any color of their choice.
3. **Canvas Rendering**: Utilize HTML canvas and JavaScript to render the rainbow based on the selected colors. The rainbow should display smoothly with well-defined arcs.
4. **Validation**: Implement basic validation to ensure that users select colors for each section of the rainbow before rendering.

Your task is to design and implement the above features in a coherent and functional manner using HTML, CSS, and JavaScript.