

### Task # 15:

## Create Diagonal Circles (at least 5) Using Canvas and Customize Colors Dynamically

Description: In this task, you are required to develop an application that generates diagonal circles **(at least 5)** using HTML canvas. The number of circles and their colors will be determined by user input.

Below are the key features and requirements for your project:

1. **Canvas Setup:** Set up an HTML canvas element where the diagonal circles will be drawn.
2. **Input Collection:** Implement a form that collects the following inputs from the user:
  - Number of Circles: Allow the user to specify the desired number of circles to be drawn diagonally.
  - Circle Colors: Provide input type color pickers for users to select colors for each circle. Ensure that there is a color picker corresponding to each circle to customize its color individually.
3. **Circle Drawing:** Based on the user input, dynamically draw diagonal circles on the canvas. Ensure the following:
  - The circles should be evenly distributed diagonally across the canvas.
  - Each circle should have a customizable color as specified by the user.

Your task is to design and implement the above features in a coherent and functional manner using HTML, CSS, and JavaScript. Utilize canvas drawing methods in JavaScript to draw the circles dynamically.

### Example:

