



CODE CHALLENGE
CHAMPIONSHIP

SAMPLE AI CHALLENGE

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JUNIOR

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Catch All Dee's Fruits

Overview:

Alex is a creative young developer who loves experimenting with new technologies. One day, Alex's friend Sam, who is an influencer, expressed a desire to have fun and engaging face filters for their live streaming sessions. Sam wants something unique to stand out and entertain their audience. Alex took this as a challenge and decided to create a set of face filters that can be applied in real-time using the camera. Your mission is to help Alex create these face filters.

Mission:

As a talented programmer, your task is to make this simulation for Alex. The user will open the camera and be presented with six face filter options to choose from:

1. Heart Goggles
2. Crown
3. Mustache
4. Bunny Ears
5. Black Beard
6. Face Mask.

Once the user selects a filter, it will be applied to their face in real-time using the camera.

Useful Hints:

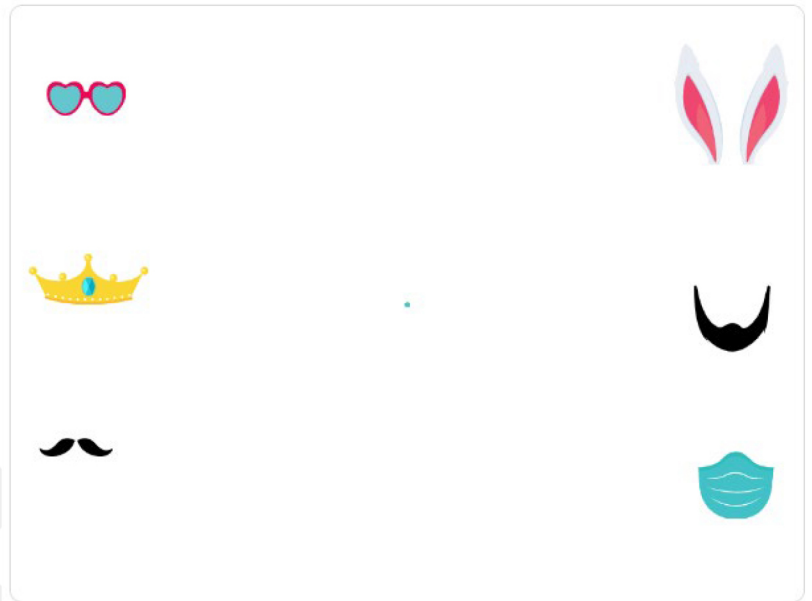
- Use your knowledge of PictoBlox and its extensions to implement this task.
- Utilize the camera feature to capture the user's face and apply the chosen filter.
- Use these costumes for the game:



Game Steps:

- **Step 1**

The user is presented with six filter options: Heart Goggles, Crown, Mustache, Bunny Ears, Black Beard, and Face Mask.



- **Step 2**

The user starts the game, and the camera automatically opens. Then The user selects a filter.



- **Step 3**

The selected filter is applied to the user's face in real-time, and they can see the effect on the screen.

