ANKARA UNIVERSITY COM1001 LAB 11

Question: Write a Python program to create a desktop application based on the following requirements:

1. **Objective:**
   Develop a GUI application where users can select a category, input a question, and receive a response based on the selected category.

2. **Requirements:**

   o **User Interface (GUI):**

   - The main window should have the title "Categorized Question App".

   - The window size should be 400x200 pixels.

   o **Category Selection:**

   - Use a dropdown menu to allow users to select a category.

   - Categories: "General", "Science", "History", "Games"

   - The default category should be "General".

   o **Question Input:**

   - Include a text entry box for users to type their questions.

   o **Ask Button:**

   - Include a button labeled "Ask" for users to submit their questions.

3. **Functionality:**

   o **Empty Question Check:**
   If the user leaves the question blank, display a warning message:
   "Please enter a question!"

   o **Category-Specific Responses:**
   Provide the following responses based on the selected category:

   - "General": "That's a great general question!"

   - "Science": "A scientific question! It could lead to discoveries."

   - "History": "History takes us deep into the past!"

   - "Games": "You can learn a lot about this game!"

   o **Invalid Category:**
   If the selected category does not match any of the above, respond with:

   o "No answer available for this category!"

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