Class Practice Questions:

Question1:
Personal Profile App:

Requirements:

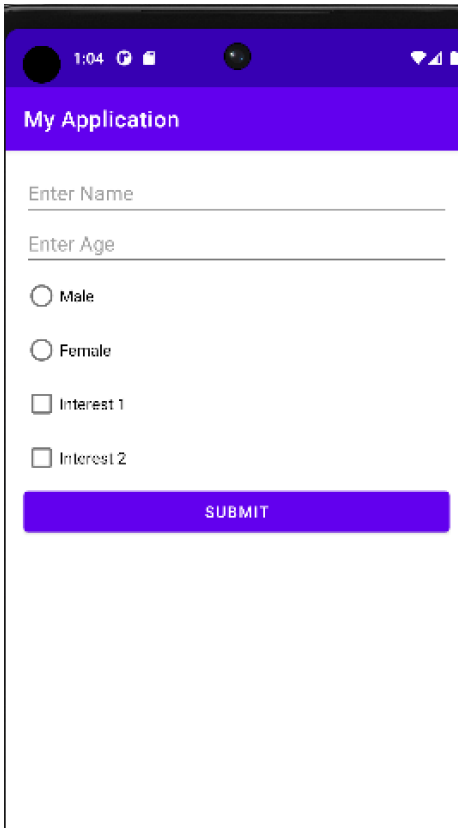
1. **Layouts**: Utilize both ConstraintLayout or LinearLayout (either vertical or horizontal) in your design.
2. **GUI Elements for Screen A**: At a minimum, screen A should include:
    - **`TextViews`** for labels (e.g., "Name", "Age", "Hobby")
    - **`EditTexts`** for user input
    - A **`Button`** to submit the information
    - **Two radio buttons** for gender
    - **Three checkbox** for hobbies
3. **GUI Elements** for **Screen B**: Screen B should include the following-

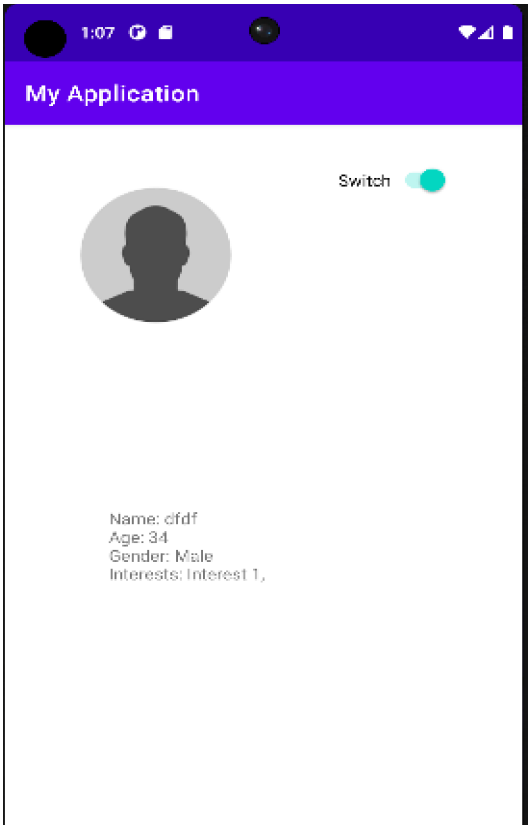
- **Switch button** to switch on and off the profile picture. User can click on the switch button to toggle on and off the profile picture.
- **TextView** to display the profile information on Screen B. The profile information collected from Screen A should be displayed in Screen B.
- **Image view** to display the profile picture.

3. **Functionality**:
    - Capture the user input from the EditText fields, checkbox and radio buttons once the button is clicked.
    - Display the profile information in another screen or activity (Screen B). Make use of **intent class or shared preference class** to pass information from one activity to another.
    - In screen B or activity, User can click on the switch button to toggle on and off the profile picture.

4. **Design**:
    - Use the design view to add and organize some of your elements.
    - Feel free to be creative with the design and add any additional elements that you think might make the app more user-friendly or aesthetically pleasing.

Expected Result:





Screen A **Screen B**

References:

For Buttons:

Button myButton = findViewById(R.id.myButton);

For TextView:

TextView myTextView = findViewById(R.id.txtTitle);

For Radio Group:

RadioGroup radioGroup = findViewById(R.id.radioGroup);

Onclick listener for button:

```
myButton.setOnClickListener(new View.OnClickListener() {
@Override
 public void onClick(View v) {
```

```
// This code will be executed when the Button is clicked
 // Add your desired actions here
 }
});
```