Advance Python Assessment Test

- **Write a program to demonstrate the Banking application**

- **Prepare demonstration of Python Banking application under software development principles and follow coding protocols**

- **In this application all operations using MySQL queries**

- **Make sure each business logic is denoted with appropriate comments and make your code interactive and represent clean and clear output on your console screen.**

- **These application contain two modules**
  - **Banker**
  - **Customer**

- **Perform below operations**

- **Banker**
  - **Can Register**
  - **Can Login**
  - **Can Update all Customers**
  - **Can View all Customers**
  - **Can Delete all Customers**

- **Customer**
  - **Can register**
  - **Can Login**
  - **Can Withdraw Amount**
  - **Can deposit amount**
  - **Can view balance**

- **Accept all values dynamically from user**

- **Store all questions in MySQL database create separate file for database connection .**

- **Make sure this code implements using oops concepts only**

- **Manage proper naming conversion – create appropriate objects name.**

- **Implement common fields using inheritance concepts only and make it more readable. Balance field must be private only customer can access this field**

- **create separate file for all business logics and make them reusable - use modules concepts with class ,object functionality for implements above logic**

- **Make sure validation proper given – each options - display appropriate message if user enter invalid input and accept values again and again - use looping concepts and string inbuilt methods concepts in this logic implementation**

- **Make sure code prevent from unexpected exception return to the previous menu and accept all details again.**

- **Make sure Database normalize manage in this project work**

- **After each selection menu must be displayed asking for user input**

- **After execution of each option confirmation message must be displayed.**

- **Remove option must ask to user for question id to delete and again ask for confirmation (Y/N) before deletion and display proper message after deletion**

- **Program should not be terminated till the user Exit it**

- **Developer needs to test his product before launching it into the market**

- **After completion this project upload it on GitHub**

  - **Upload all features in develop branch after completion all features merge it with main branch**