

Constructor and Destructor

Q.1 Create the following classes and write member functions and display proper information to user using constructor and destructor.

a) Time b) Date c) Person d) Student e) Fan f) Point

Q.2 Define a class to represent a bank account. Include the following members

Data Members

- 1. Name of the depositor**
- 2. Account number**
- 3. Type of account**
- 4. Balance amount in the account.**

Member functions

- 1. To assign initial values**
- 2. To deposit an amount**
- 3. To withdraw an amount after checking the balance**
- 4. To display name and balance.**

Q.3 Define class student which shows the information about the Student using constructor and destructor - Include the following members

Data Members

- 1. Name of the Student**
- 2. Roll No**
- 3. Address**
- 4. Percentage**

Member functions

- 1. To assign initial values**
- 2. To accept the values from user.**
- 3. To display all data to user including Grade by using following conditions**
 - a. Per \geq 70 Distinction**
 - b. Per $<$ 70 and Per \geq 60 First Class**
 - c. Per $<$ 60 and Per \geq 40 Second class**
 - d. Per $<$ 40 Student is Fail**