

ASSIGNMENT -III (Constructor)

1. Write a program to print the area of a rectangle by creating a class named 'Area' having one function. Length and breadth of the rectangle are entered through keyboard using Parameterized constructor.

2. WAP to display addition, subtraction, multiplication and division of two integers on screen.

Declare Class Calculation

Write Parameterized constructor for initialize num1 and num2

Write member function for each operation.

3. Write a C++ program to demonstrate ATM money withdrawal and deposit process by taking following private data members:

Accountno, balance;

Account no and balance data member initialize using parameterized constructor

Write three function 1. Deposit 2. Withdraw 3. Balance

Write menu driven choice

1. Deposit
2. Withdraw
3. Balance
4. Exit

Program stop execution when user enter choice

4. Create a class "Mobile" with attributes: brand, price, color, width, height. Use constructor to set default values of these attributes. Write function to display details of all attributes
5. Create a class "Mobile" with attributes: brand, price, color. Enter detail of five different mobile. (Using Array of object).

Display total number of mobile having price greater than 5000.

Display Brand, Price and color for all mobiles for price range 1000 to 10000

6. C++ program to create a class for Employee to get and display following Employee information:

Empcode, Emp name, Basicsalary

Count the created objects using static member.

7. Create a class "Student" having following data members: studid, name, marks (of 5 subject), percentage.

Use getdata and show functions to input and display student data.

Create private function to calculate percentage.

Display detail of student who secured highest percentage.

Create N number of student using array of object.

8. Create a class Student with Rollno,mark1,mark2,mark3 data member and write appropriate function to setdata .

Write another class name sport with sport_mark data member and set sport_mark. Find Resul(mark1+mark2+mark3+sport_mark) of student using Friend function