2022

Smt K.B.Parekh College of Computer Science-Mahuva

Vinod.M.Makwana

Assignment-3

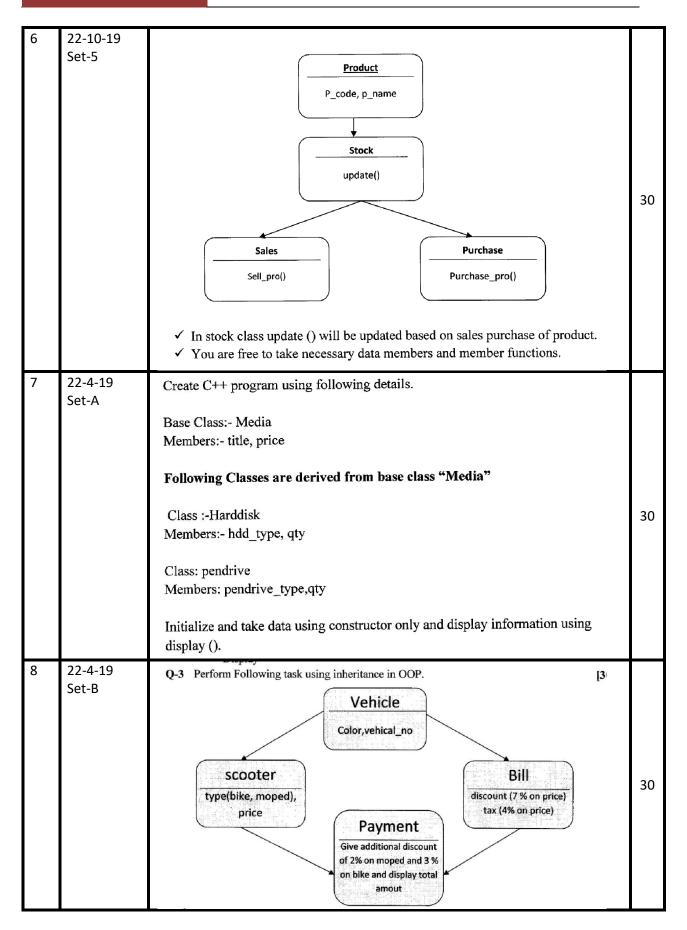
*this assignment include program related to following topics

- √ inheritance
- √ virtual function

1	24-10-2019 Set-15	Make one class "MATCHES" with data members like Player_Name, No_of_Matches_Played. Inherit that class into "TEST", "ONEDAY" and "T20" Classes. Use appropriate data members into these classes to calculate average run of the player.	30
2	04-12-2019 Set-2	Write a c++ program to create class STUDENT which contains data members such as s_name,s_roll. And appropriate method getting data. Create class TEST which derived from STUDENT, it contains members such as marks of sub1 and sub2. To define appropriate method for getting data. Create another class called RESULT which derived from class TEST which contains member such as total_marks. It also contains an appropriate method for calculating total_marks and display all the information of the student.	25
3	23-10-2019 Set-13	 Q-3 Create a C++ program that contains a class SUPPLY. It has city, total_sales and sales_person as data members. Now, create two classes Ahemdabad and Jamnagar which inherit class SUPPLY. Now calculate and display sales person requirement in particular city according to the following conditions (1) 2 sales person can only sale upto 20000. (2) More than 20000 sales, appoint new sale person. (3) If sales is less than 5000 no new appointment of sale person. 	30
4	24-10-19 Set-14	Q-3 Write a C++ program for below inheritance. Here result class should display total of External and Internal performance points. [Use Virtual Function]. Employee External Performance Performance [You are free to take data members and member functions]	30
5	22-10-19 Set-6	Q-3 Write a program that create a base class game. Class game has 3 sub classes called badminton, volleyball and cricket. All the subclasses has same methods getpoint() and displaypoint (). Display data using polymorphism concept in C++.	30

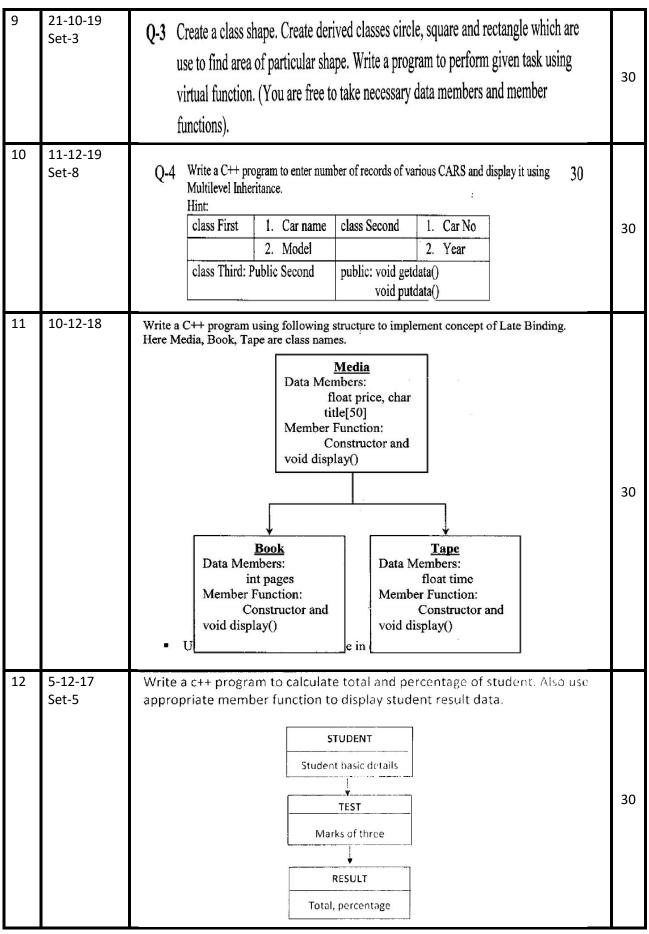
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June 8, 2022 [PRACTICAL ASSIGNMENT-3 ON C++]



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