

CLASS XII CLASSES & OBJECTS

1. Define a class **STUDENT** with the following specifications

Private members:

Grno	long integer
Name	20 characters
Marks in 5 subjects, each out of 100	an array of 5 float values
Total, percentage	float
Calculate()	Function to calculate total & percentage

Public functions

- takedata() Function to read Grno, name and 5 marks of a student
- displaydata() to invoke Calculate() function and to display all the details of the student

Write a Program to implement the above class for a student.

2. Define a class **EMPLOYEE** with the following specifications

Private data members

Empno	integer
Name	20 characters
Basicpay	float
HRA, DA, PF	float
Netpay	double

Public functions

- Getdata() Function to read empno, name and basicpay of an Employee
- Compute() Function to compute HRA (10% of basicpay), DA (50% of basicpay), PF (8% of basicpay) and netpay as basicpay + HRA + DA – PF and return the calculated Netpay.
- Printdata() to invoke Compute() function and to display all the details of an employee

Write a Program to read details (empno, name and basicpay) for **n** employees and compute netpay for them and display all the details.