

OOPs lab Exercise-7 on 10/04/26

Inheritance with derived constructor

Observation:

1) Create a class EMPLOYEE with 3 datamembers:

Name, ID, Designation, salary

Define Parametrized constructor to initialize datamembers.

Derive 2 subclasses PERMANENT and DAILYWAGES and include the following:

PERMANENT:

DOB(Date of Birth)- DOB is a datamember of type class DATE

,DOJ(Date of joining)- DOJ is a datamember of type class DATE

Computesalary()- Fix salary based on their designation(Manager, Executive, Technician).

DAILYWAGES:

Wage per hour, No. of hours worked

Setwageperhour()- fix the wage per hour based on their designation

Compute salary()-Fix salary based on Wage per hour and No. of hours worked

- (i) Define derived constructors for initializing members.
- (ii) Calculate the remaining years of service for each permanent employee. (Assume 60 years is the retirement age).
- (iii) Display the salary for each category of the employees

Execution:

- 1) Write a function which overload > operator to compare the salary of permanent and temporary employee and return the details of an employee who is highly paid.

Spot

- 1) Create an array called PERMANENT employees and overload subscript operator to display the details of an employee for a given index.