

Create a hierarchy of classes **Employee**, **WageEmployee** and **SalesPerson**.

**Class Employee** is the base most class and has following data members and functions

Data Member	Data Type	Description
empid	Int	This is id of an employee
name	char array	This is name of an employee
basicsalary	double	This is basic salary of an employee

Member Function	Arguments	Return Type	Description
Default Constructor	NA	NA	Initializes default values to data members of an employee
Parameterized Constructor	int, char*, double	NA	Initializes empid, name and basic salary to the values passed as parameters
GetBasicSalary	NA	double	Returns basic salary of an employee
Display	NA	void	Displays Employee

Inherit **class WageEmployee** from **class Employee** with following data members and member functions inside it.

Data Member	Data Type	Description
hours	int	This is number of hours an employee works
rate	int	This is rate per hour for an employee

Member Function	Arguments	Return Type	Description
Default Constructor	NA	NA	Initializes default values to data members of a wage employee
Parameterized Constructor	int, char*, double,int, int	NA	Initializes empid, name and basic salary, hours and rate to the values passed as parameters
CalcNetSalary	NA	double	Calculates net salary of a wage employee which is addition of basic salary and (hours*rate)
IsTaxable	NA	bool	Returns true if net salary becomes more than or equal to 5 lakhs else it returns false.
Display	NA	void	Displays WageEmployee

Inherit **class SalesPerson** from **class WageEmployee** with following data members and member functions inside it.

Data Member	Data Type	Description
sales	int	These are number of items sold by a sales person
comm	int	This is commission given to sales person per item

Member Function	Arguments	Return Type	Description
Default Constructor	NA	NA	Initializes default values to data members of a sales person
Parameterized Constructor	int, char*, double,int, int, int, int	NA	Initializes empid, name and basic salary, hours, rate, sales and comm to the values passed as parameters
CalcNetSalary	NA	double	Calculates net salary of a sales person which is addition of basic salary and (hours*rate) and (sales*comm)
IsTaxable	NA	bool	Returns true if net salary becomes more than or equal to 5 lakhs else it returns false.
Display	NA	void	Displays SalesPerson

Please refer file **“bitmap.h”** to see declarations of classes Employee, WageEmployee and SalesPerson.

Please note that, you are required to edit code in file **“bitmap.cpp”** to complete definitions of functions for above mentioned requirements.

You are not required to implement function **“main”**