

(Program 12.9) A super class **Worker** has been defined to store the details of a worker. Define a subclass **Wages** to compute the monthly wages for the worker. The details / specifications of both the classes are given below : (ISC 2019)

Class name		Worker
Data Members / instance variables :		
Name	:	to store the name of the worker
Basic	:	to store the basic pay in decimals
Member functions :		
Worker(.....)	:	Parameterised constructor to assign values to the instance variables
void display()	:	display the workers details
Class name		Wages
Data Members / instance variables :		
hrs	:	stores the hours worked
rate	:	stores rate per hour
wage	:	stores the overall wage of the worker
Member functions :		
Wages(.....)	:	Parameterised constructor to assign values to the instance variables of both the classes
double overtime()	:	Calculates and returns the overtime amount as (hours*rate)
void display()	:	Calculates the wage using the formula wage = overtime amount + Basic pay and displays it along with the other details

Specify the class **Worker** giving details of the constructor() and void display(). Using the concept of inheritance, specify the class **Wages** giving details of constructor(), double overtime() and void display(). The main() function need not be written.