CSE2005 OOPS

Module-1 Practice Questions

Question-1:

Create a class for Shutterbug’s Camera Store, which is having the digital cameras to  
sale.

Class DigitalCamera:

* Add data fields for a brand, the number of megapixels in the resolution, and price.
* Include a constructor that takes arguments for the brand and megapixels.
* If the megapixel parameter is greater than 10, the constructor sets it to 10.
* The sale price is set based on the resolution; any camera with 6 megapixels or fewer is $99, and all other cameras are $129.
* Also include a method that displays DigitalCamera details.

Write a class named TestDigitalCamera in which you instantiate at two  
objects, prompt the user for values for the camera brand and number of  
megapixels, and display all the values.

Question-2:

A man is paid at the hourly rate of Rs.5 per hour for the first 30 hours worked in a week. Thereafter the overtime is paid at 1.5 times the hourly rate for the next 25 hours and 2 times the hourly rate for further hours worked. Design a java program to define a class Worker with necessary attributes and methods and create sample workers in Test main class and print the wages to be paid to them. Your class should implement at least one constructor