**Part 4**

1. public String getValues(){

return name, purchasePrice, sellingPrice, datefoManufacture, weight;

}

1. public void calcProfit(double profit){

profit = sellingPrice - purchasePrice ;

}

1. public void changeName(String theName){

name = theName ;

}

1. public void changePurchasePrice(double thePurchasePrice){

purchasePrice = thePurchasePrice;

}

1. public void changeSellingPrice (double theSellingPrice){

sellingPrice= theSellingPrice ;

}

**Part 5:**

**public class TestItem {**

**public static void main(String []args){**

item item1 = new item("Choco", 2.1, 2.5, "15-Jan-2020", 50.0);

System.out.println("Name = " + item1.getName());

System.out.println("Date of Manufacture = " +item1.getDatefoManufacture());

System.out.println("Purchase Price ($) = " +item1.getPurchasePrice());

System.out.println("Selling Price ($) = " +item1.getSellingPrice());

System.out.println("Profit made ($) = " +item1.calcProfit());

System.out.println("Weight (gm)= " +item1.getWeight());

}

}

**class item{**

private String name;

private double purchasePrice;

private double sellingPrice;

private String datefoManufacture;

private double weight;

**public item (String theName, double thePurchasePrice, double theSellingPrice, String theDateofManufacture, double theWeight){**

name = theName;

purchasePrice = thePurchasePrice;

sellingPrice = theSellingPrice;

datefoManufacture = theDateofManufacture;

weight = theWeight;

}

**public String getName(){**

return name;

}

**public double getPurchasePrice(){**

return purchasePrice;

}

**public double getSellingPrice(){**

return sellingPrice;

}

**public String getDatefoManufacture(){**

return datefoManufacture;

}

**public double getWeight(){**

return weight;

}

**public double calcProfit(){**

double profit = sellingPrice - purchasePrice ;

return profit;

}

**public void changeName(String theName){**

name = theName ;

}

**public void changePurchasePrice(double thePurchasePrice){**

purchasePrice = thePurchasePrice;

}

**public void changeSellingPrice (double theSellingPrice){**

sellingPrice= theSellingPrice ;

}

}