**7.**

**package p1;**

**import java.util.Scanner;**

**public class Conversion {**

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

**double kg;**

**double pounds;**

**Scanner s=new Scanner(System.in);**

**System.out.println("Enter the weight in kilograms:");**

**kg=s.nextDouble();**

**pounds=kg\*2.2046;**

**System.out.println(+pounds +" Pounds");**

**}**

**}**

**8.**

**package p1;**

**public class Customer {**

**private String name;**

**private long num;**

**private int distance;**

**public void setA(String pname)**

**{**

**name=pname;**

**}**

**public void setB(long phone)**

**{**

**num=phone;**

**}**

**public boolean setC(int d)**

**{**

**if(d>0)**

**{**

**distance=d;**

**return true;**

**}**

**return false;**

**}**

**public String getA()**

**{**

**return name;**

**}**

**public long getB()**

**{**

**return num;**

**}**

**public String getC()**

**{**

**return distance+"km";**

**}**

**public String fare()**

**{**

**return "Rs "+ distance\*20;**

**}**

**public String toString()**

**{**

**String str=String.format("Name:%s%n Number:%d%n Distance:%s%n Fare:%s%n",getA(),getB(),getC(),fare());**

**return str;**

**}**

**}**

**package p1;**

**import java.util.Scanner;**

**public class PassengerDemo {**

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

**Customer c =new Customer();**

**Scanner s=new Scanner(System.in);**

**System.out.println("Enter the name:");**

**c.setA(s.nextLine());**

**System.out.println("Enter the phone number:");**

**c.setB(s.nextLong());**

**System.out.println("Enter the distance:");**

**c.setC(s.nextInt());**

**System.out.println(c);**

**}**

**}**

**9.**

**package p1;**

**public class Cuboid {**

**double length;**

**double breadth;**

**double height;**

**public Cuboid(double l, double b, double h) {**

**length=l;**

**breadth=b;**

**height=h;**

**}**

**public String volume()**

**{**

**return length\*breadth\*height +"m";**

**}**

**public String toString()**

**{**

**String str = String.format("Length=%s%nBreadth=%s%nHeight=%s%nVolume=%s%n",length,breadth,height,volume());**

**return str;**

**}**

**}**

**package p1;**

**import java.util.Scanner;**

**public class Volume {**

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

**Scanner s=new Scanner(System.in);**

**System.out.println("Enter the length,breadth and height=");**

**Cuboid obj = new Cuboid(s.nextDouble(),s.nextDouble(),s.nextDouble());**

**System.out.println(obj);**

**System.out.println("---------------------------------------------------------");**

**System.out.println("Enter the length,breadth and height=");**

**Cuboid obj1= new Cuboid(s.nextDouble(),s.nextDouble(),s.nextDouble());**

**System.out.println(obj1);**

**}**

**}**

**12.**

**package p1;**

**import java.util.Scanner;**

**public class Book {**

**long ISBN;**

**String Title;**

**double price;**

**int year;**

**Book(long I,String T,double p,int y)**

**{**

**ISBN=I;**

**Title=T;**

**price=p;**

**year=y;**

**}**

**public String toString()**

**{**

**String str = String.format("ISBN Number=%d%nTitle=%s%nPricet=%s%nyear=%s%n",ISBN,Title,price,year);**

**return str;**

**}**

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

**Scanner s=new Scanner(System.in);**

**System.out.println("Enter the ISBN,Title,Price and year=");**

**Book obj = new Book(s.nextLong(),s.next(),s.nextDouble(),s.nextInt());**

**System.out.println("---------------------------------------------------------");**

**System.out.println(obj);**

**System.out.println("---------------------------------------------------------");**

**}**

**}**