Rakesh Kailas ahire assigment no 1
PROBLEM1 :package studentmngtsystem;

```java
public class problem1 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        System.out.println("Hellow");
    }

}
```

PROBLEM2 ; package studentmngtsystem;

```java
import java.util.Scanner;
public class problem2 {
    public static void main(String[] args) {
        System.out.println("Taking input from user");
        Scanner s =new Scanner (System.in);
        System.out.println( "enter value of num1");
        System.out.println( "enter value of num2");
        System.out.println( "enter value of num3");
        float num1=s.nextFloat();
        float num2=s.nextFloat();
        float num3=s.nextFloat();
        float sum=num1+num2+num3;
        System.out.println( "Sum of the number is="+sum);

    }

}
```

PROBLEM3; package studentmngtsystem;

```java
public class problem3 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        int a=10;
        int b=20;
```

```java
            int c=a;
            int d=b;
            int e=c+d;
            System.out.println(c);
            System.out.println(d);
            System.out.println(e);

    }

}
```
PROBLEM4 ;   package studentmngtsystem;
```java
import java.util.Scanner;
public class problem4 {

    public static void main(String[] args) {
            // TODO Auto-generated method stub

            System.out.println("enter number");
            Scanner s= new Scanner(System.in);
            int a=s.nextInt();
            if(a%2==0)
                    System.out.println("number is even");
            else
                    {System.out.println("number is odd");}

    }

}
```
PROBLEM5;   package studentmngtsystem;
```java
import java.util.Scanner;
public class problem5 {

    public static void main(String[] args) {
            Scanner s= new Scanner(System.in);
            // TODO Auto-generated method stub
            System.out.println("enter num1");
            System.out.println("enter num2");
            System.out.println("enter num3");
```

```java
                int a=s.nextInt();
                int b=s.nextInt();
                int c=s.nextInt();

    if(a>=20)
            System.out.println("a is greater or equal to 20");
    else
            System.out.println("a is less than 20");
    if(b>=20)
            System.out.println("b is greater or equal to 20");
    else
        System.out.println("a is less than 20");
        if(c>=20)
                System.out.println("c is greater or equal to
20");
        else
            System.out.println("a is less than 20");
        }


}
```
PROBLEM7;   package studentmngtsystem;
import java.util.Scanner;

```java
public class problem7 {

        public static void main(String[] args) {
                Scanner s=new Scanner(System.in);
                System.out.println("enter sales");
                Float a= s.nextFloat();
                if (a>10000)
                {
                    System.out.println("eligible for bonus");
                 System.out.println("give 20 percent of sales
bonus");}
                else
                        System.out.println("not eligible for
bonus");

                // TODO Auto-generated method stub
```

```
        }

}
```
PROBLEM8; package studentmngtsystem;
import java.util.Scanner;

```
public class problem8 {

        public static void main(String[] args) {
                // TODO Auto-generated method stub
                System.out.println("Taking input from user");
                Scanner s= new Scanner(System.in);
        System.out.println("enter value of a");
                int a=s.nextInt();
                System.out.println("enter value of b");
                int b=s.nextInt();


                if (a>18 && a<100)
                        System.out.println("a eligible for
voting");

                else
                        System.out.println("a not eligible for
voting");
                if (b>18 && b<100)
                        System.out.println("b eligible for
voting");
                else
                    System.out.println("b not eligible for
voting");


        }

}
```
PROBLEM9;   package studentmngtsystem;
import java.util.Scanner;

```java
public class problem9 {

	public static void main(String[] args) {
		Scanner s=new Scanner(System.in);
		System.out.println("Enter mark in subject 1");
		System.out.println("Enter mark in subject 2");
		System.out.println("Enter mark in subject 3");
		System.out.println("Enter mark in subject 4");
		System.out.println("Enter mark in subject 5");
		Float subject1=s.nextFloat();
		Float subject2=s.nextFloat();
		Float subject3=s.nextFloat();
		Float subject4=s.nextFloat();
		Float subject5=s.nextFloat();
		Float average=s.nextFloat();


average=(subject1+subject2+subject3+subject4+subject5)/5;
		if(average>=40)

		System.out.println("pass");
		else
			System.out.println("fail");


		// TODO Auto-generated method stub

	}

}
PROBLEM10;  package studentmngtsystem;
import java.util.Scanner;
public class problem10 {

	public static void main(String[] args) {
		Scanner s= new Scanner(System.in);
		String name;
		int age;
		float sallary;
```

```
                System.out.println("enter name age sallary");
                name=s.next();
                age=s.nextInt();
                sallary=s.nextFloat();
                System.out.println("name="+name);
                System.out.println("age ="+age);
                System.out.println(" sallary="+sallary);



                // TODO Auto-generated method stub

        }

}
```

PROBLEM11; package studentmngtsystem;
import java.util.Scanner;

```
public class problem11 {

        public static void main(String[] args) {
                Scanner s=new Scanner(System.in);
                System.out.println("Enter two num1");
                System.out.println("Enter two num2");

        float a=s.nextFloat();
                float b=s.nextFloat();
                if(a>b)
                        System.out.println("a is greater");
                else
                        System.out.println("b is greater");

                // TODO Auto-generated method stub

        }

}
```

PROBLEM12;   package studentmngtsystem;

```java
import java.util.Scanner;

public class problem12 {

        public static void main(String[] args) {
                Scanner s=new Scanner(System.in);
                System.out.println("name of the product");
                System.out.println("price of the product");
                String name;
                float price;
                float discount;
                name=s.next();
                price=s.nextFloat();

                if (price>2000)

                        discount=(10*price)/100;

System.out.println("discount="+discount);

                else

                        discount=7*price/100;

System.out.println("Discount="+discount);


                // TODO Auto-generated method stub

        }

}
```