ASSIGNMENT 2A

1. NUMBER GUESS

```
//Importing Scanner to get input from the console.....
import java.util.Scanner;

public class NumberGuess
{
	public static void main(String args[])
	{
		int input,n=0;

		//Creating a object for the Scanner.....
		Scanner obj = new Scanner(System.in);
		System.out.println("java NumberGuess\n");
		System.out.println("Java has Chosen a number\n");

		//Getting a random number of double type by Math.random()......
		double temp = Math.random();
		temp=temp*100;

		//Type conversion to int.....
		int rand = (int)temp;

		//Getting input until the input is matched with the random number.....
		do
		{
			System.out.println("Key in your Guess :");
			input = obj.nextInt();
			if(input<rand)
			{
				System.out.println("Try Higher !\n");
				n++;
```

```
                }
                else if(input>rand)
                {
                        System.out.println("Try Lower !\n");
                        n++;
                }
                else
                {
                        n++;
                        System.out.println("You got it in "+n+" trials");
                }
        }while(input!=rand);
    }
}
/*
```

```
PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> javac NumberGuess.java
PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> java NumberGuess
java NumberGuess

Java has Chosen a number

Key in your Guess :
5
Try Higher !

Key in your Guess :
40
Try Lower !

Key in your Guess :
30
Try Lower !
```

Key in your Guess :

25

Try Lower !

Key in your Guess :

15

Try Higher !

Key in your Guess :

20

Try Lower !

Key in your Guess :

18

Try Lower !

Key in your Guess :

17

You got it in 8 trials

*/

2. BILLING

```
import java.util.Scanner;

//Creating a separate encapsulated class .....
class billCalc
{
        String consumer_name;
        int consumer_no;
        int previous_reading;
        int current_reading;
        String connection_type;
```

```
Scanner obj = new Scanner(System.in);

//Method to get input.....
public void input()
{
	System.out.println("Enter the Consumer name :");
	consumer_name=obj.nextLine();
	System.out.println("Enter the Consumer number :");
	consumer_no=obj.nextInt();
	System.out.println("Enter the previous month reading :");
	previous_reading=obj.nextInt();
	System.out.println("Enter the current month reading :");
	current_reading=obj.nextInt();
	System.out.println("Enter the type of the connection :");
	connection_type=obj.next();
}

//Method to calculate tariff and return it to main.....
public float CalcBill()
{
	float total=0;
	float units = previous_reading - current_reading;
	units=(-1)*units;

	if(connection_type.equals("domestic"))
	{
		if(units<=100)
			total+=units*1.0;
		else if(units<=200 && units>100)
			total+=(100*1)+((units-100)*2.5);
		else if(units<=500 && units>200)
			total+=(100*1)+(100*2.5)+((units-300)*4.0);
		else
```

```
                total+=(100*1)+(100*2.5)+(300*4)+((units-500)*7.0);
            return total;
        }

        else if(connection_type.equals("commercial"))
        {
            if(units<=100)
                total+=units*2;
            else if(units<=200 && units>100)
                total+=(100*2)+((units-100)*4.5);
            else if(units<=500 && units>200)
                total+=(100*2)+(100*4.5)+((units-200)*6.0);
            else
                total+=(100*1)+(100*2.5)+(300*4.0)+((units-500)*7.0);
            return total;
        }

        else
        {
            System.out.println("Enter the valid Credentials");
            return 0;
        }
    }

    //Method to print the Bill date.....
    public void printBill(float tarrif)
    {
        int units =previous_reading - current_reading;
        units = (-1 )*units;
        System.out.println("\n**********Bill Info**********\n");
        System.out.println("Consumer name                  :"+consumer_name);
        System.out.println("Consumer number              :"+consumer_no);
        System.out.println("Connection type              :"+connection_type);
```

```
            System.out.println("Previous month reading :"+previous_reading);
            System.out.println("Current month reading    :"+current_reading);
            System.out.println("Total units                    :"+units);
            System.out.println("Tarrif                          :Rs."+tarrif+"\n");
      }
}
//Creating a class for main.....
public class ElectricityBill_b_version2
{
      public static void main(String args[])
      {
            //Creation of object for class billCalc.....
            billCalc a = new billCalc();
            //Calling methods of class billCalc through object of that class.....
            a.input();
            float tarrif = a.CalcBill();
            a.printBill(tarrif);
      }
}
/*
PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> javac ElectricityBill_b_version2.java
PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> java ElectricityBill_b_version2
Enter the Consumer name :
ram
Enter the Consumer number :
2312
Enter the previous month reading :
560
Enter the current month reading :
1200
Enter the type of the connection :
domestic
```

**********Bill Info**********

Consumer name :ram

Consumer number :2312

Connection type :domestic

Previous month reading :560

Current month reading :1200

Total units :640

Tarrif :Rs.2530.0

*/

3. Employee

```
import java.util.Scanner;

class Payslip
{
	int emp_id,no_hours,experience,dd,mm,yyyy;
	String emp_name,designation,dob,insurance;
	float basic,da,hra,lic,pf,gross,hour_wage,deduction,net_salary;
	Scanner obj = new Scanner(System.in);
	public void input()
	{
		System.out.print("Enter Employee Name :");
		emp_name=obj.next();
		System.out.print("Enter Employee id :");
		emp_id=obj.nextInt();
		System.out.print("Enter designation(First letter in caps) :");
		obj.nextLine();
		designation=obj.nextLine();
		System.out.print("Enter Date of birth as(dd/mm/yyyy) :");
		dob=obj.next();
		System.out.print("Enter Date of join as(dd mm yyyy) :");
```

```
        dd=obj.nextInt();
        mm=obj.nextInt();
        yyyy=obj.nextInt();
        System.out.print("Enter Basic pay                  :");
        basic=obj.nextFloat();
        System.out.print("Do you opted LIC insurance :");
        insurance=obj.next();
        if(insurance.equals("yes"))
        {
                System.out.print("Enter LIC premium Amount :");
                lic=obj.nextFloat();
        }
        else if(insurance.equals("no"))
        {
                lic=0;
        }
        if(designation.equals("Intern"))
        {
                System.out.print("Enter No.of Hours worked:");
                no_hours=obj.nextInt();
                System.out.print("Enter Hourly wage              :");
                hour_wage=obj.nextFloat();
        }
}
public void salary()
{
        if(designation.equals("Intern"))
        {
                da=2000;
                hra=1000;
                pf=500;
                basic=(no_hours*hour_wage);
                gross=basic+da+hra;
```

```
            deduction=lic+pf;
            net_salary=gross-deduction;
        }
        else if(designation.equals("Manager"))
        {
            da=(0.4f*basic);
            hra=(0.1f*basic);
            pf=(0.08f*basic);
            gross=basic+da+hra;
            deduction=lic+pf;
            net_salary=gross-deduction;
        }
        else
if(designation.equals("Trainee")||designation.equals("Analyst")||designation.equals("Software
engineer")||designation.equals("Teamlead"))
        {
            da=(0.3f*basic);
            hra=(0.1f*basic);
            pf=(0.08f*basic);
            gross=basic+da+hra;
            deduction=lic+pf;
            net_salary=gross-deduction;
        }
        else
        {
            System.out.println("Enter details as specified\n");
        }
    }
    public void payslip()
    {
        System.out.println("\n\n*********Salary Slip**********");
        System.out.println("\n\nEmployee name          :"+emp_name);
        System.out.println("Employee ID            :"+emp_id);
        System.out.println("Month and Year         :July and 2019");
```

```
        System.out.println("\nGross:");
        System.out.println("Basic                    :"+basic);
        System.out.println("DA                       :"+da);
        System.out.println("HRA                      :"+hra);
        System.out.println("\nNet Gross               :"+gross);
        System.out.println("\n\nDectections :");
        System.out.println("Provident Fund       :"+pf);
        System.out.println("Life insurance       :"+lic);
        System.out.println("\nTotal Dectections    :"+deduction);
        System.out.println("\n\nNet Salary           :"+net_salary);
    }
    public void promote()
    {
        System.out.println("\nPromotion Statement\n");
        experience=2019-yyyy;
        if(experience>=3)
        {

    if(designation.equals("Trainee")||designation.equals("Analyst")||designation.equals("Software
engineer")||designation.equals("Teamlead"))
            {
                System.out.println("You are Promoted to Manager !");
            }
            else if(designation.equals("Intern"))
            {
                System.out.println("You are now one of our employee...");
            }
            else
            {
                System.out.println("You are already in the top position..\n");
            }
        }
        else
        {
```

```
                System.out.println("You need more experience dude....!");
            }
        }
}
public class Employee
{
    public static void main(String args[])
    {
        int i;
        System.out.print("Enter the number of Employees :");
        Scanner obj = new Scanner(System.in);
        int n=obj.nextInt();
        Payslip b[] = new Payslip[n];
        for(i=0;i<n;i++)
        {
            b[i] = new Payslip();
        }
        System.out.println("Enter the Details of Employees:");
        for(i=0;i<n;i++)
        {
            int k=i+1;
            System.out.println("\nEmployee "+k+" :");
            b[i].input();
            b[i].salary();
        }
        System.out.println("\n1.Display Salary details of Employees\n2.Display salary details of a
particular Employee\nSelect an option");
        int x=obj.nextInt();
        if(x==1)
        {
            for(i=0;i<n;i++)
            {
                int k=i+1;
```

```
                System.out.println("Salary details of Employee "+k);
                b[i].payslip();
                b[i].promote();
            }
        }
        else if(x==2)
        {
            System.out.println("Enter the Employee Name :");
            String name = obj.next();
            int flag=0;
            {
                for(i=0;i<n;i++)
                {
                    if(b[i].emp_name.equals(name))
                    {
                        b[i].payslip();
                        b[i].promote();
                        flag=1;
                        break;
                    }
                }
                if(flag==0)
                {
                    System.out.println("Check the Entered Name...Terminated");
                }
            }
        }
        else
        {
            System.out.println("Check the option Entered.....");
        }
    }
}
```

/*

PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> java Employee

Enter the number of Employees :1

Enter the Details of Employees:

Employee 1 :

Enter Employee Name :ram

Enter Employee id :23

Enter designation(First letter in caps) :Manager

Enter Date of birth as(dd/mm/yyyy) :23/6/1972

Enter Date of join as(dd mm yyyy) :31 5 2001

Enter Basic pay :40000

Do you opted LIC insurance :yes

Enter LIC premium Amount :2000

1.Display Salary details of Employees

2.Display salary details of a particular Employee

Select an option

1

Salary details of Employee 1

*********Salary Slip**********

Employee name :ram

Employee ID :23

Month and Year :July and 2019

Gross:

Basic :40000.0

DA :16000.0

HRA :4000.0

Net Gross :60000.0

Dectections :

Provident Fund :3200.0

Life insurance :2000.0

Total Dectections :5200.0

Net Salary :54800.0

Promotion Statement

You are already in the top position..

*/

4. Student

```
import java.util.Scanner;
public class student
{
    Scanner obj = new Scanner(System.in);
    int regno;
    String name,dept;
    char grade;
    float mark1,mark2,mark3,total=0;
    public void input()
    {
        System.out.print("Enter Name      :");
```

```
        name = obj.next();
        System.out.print("Enter regno    :");
        regno = obj.nextInt();
        System.out.print("Enter Dept     :");
        dept = obj.next();
        System.out.print("Enter mark 1 :");
        mark1 = obj.nextFloat();
        System.out.print("Enter mark 2 :");
        mark2 = obj.nextFloat();
        System.out.print("Enter mark 3 :");
        mark3 = obj.nextFloat();
}
public void calculation()
{
        total=mark1+mark2+mark3;
        //System.out.println("\nTOTAL          ="+total);
        if(total>270)
        {
                grade='O';
        }
        else if(total<270 && total >240)
        {
                grade='A';
        }
        else if(total<240 && total >210)
        {
                grade='B';
        }
        else if(total<150)
        {
                grade='F';
        }
        else
```

```
        {
                grade='C';
        }
        //System.out.println("\nGRADE           ="+grade);
}
public int search(int id)
{
        if(id==regno)
        {
                System.out.println("\nMatch found!\n");
                return 1;
        }
        else
        {
                return 0;
        }
}
public int search(String dept_)
{
        if(dept_.equals(dept))
        {
                System.out.println("\nMatch found!\n");
                return 1;
        }
        else
        {
                return 0;
        }
}
public void display()
{
        System.out.println("Name    :"+name);
        System.out.println("Regno :"+regno);
```

```
            System.out.println("Dept    :"+dept);
            System.out.println("Total :"+total);
            System.out.println("Grade :"+grade);
            System.out.println();
        }
        public static void main(String args[])
        {
            int i,x,flag=1;;
            Scanner obj = new Scanner(System.in);
            System.out.print("Enter the no. of students :");
            int n=obj.nextInt();
            student a[] = new student[n];
            for(i=0;i<n;i++)
            {
                a[i] = new student();
                System.out.println("Student "+(i+1));
                a[i].input();
                a[i].calculation();
            }
            System.out.print("Do you need to search through the student records :");
            String p = obj.next();
            if(p.equals("yes"))
            {
                do
                {
                    System.out.print("\nHow do you like to search\n1.By ID\n2.Dep\n3.Exit\nEnter
option :");
                    x=obj.nextInt();
                    flag=1;
                    if(x==1)
                    {
                        System.out.print("Enter the ID :");
                        int id = obj.nextInt();
```

```
        for(i=0;i<n;i++)
        {
            int o=a[i].search(id);
            if(o==1)
            {
                flag=0;
                break;
            }
        }
        if(flag==0)
        {
            a[i].display();
        }
        else
        {
            System.out.print("Not found!");
        }
    }
    else if(x==2)
    {
        System.out.print("Enter the dept :");
        String dept =obj.next();
        flag=1;
        for(i=0;i<n;i++)
        {
            int o=a[i].search(dept);
            if(o==1)
            {
                flag=0;
                a[i].display();
            }
        }
        if(flag==1)
```

```
                        {
                                System.out.print("Not found!");
                        }
                }
                else if(x==3)
                {
                        break;
                }
                else
                {
                        System.out.print("Enter correct option !");
                }
        }while(x!=3);
    }
  }
}
/*

PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> javac student .java
javac: file not found: .java
Usage: javac <options> <source files>
use -help for a list of possible options
PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> javac student.java
PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> java student
Enter the no. of students :2
Student 1
Enter Name      :sree
Enter regno    :23
Enter Dept      :CSE
Enter mark 1 :89
Enter mark 2 :78
Enter mark 3 :67
Student 2
```

Enter Name :ram

Enter regno :12

Enter Dept :EEE

Enter mark 1 :76

Enter mark 2 :67

Enter mark 3 :78

Do you need to search through the student records :yes

How do you like to search

1.By ID

2.Dep

3.Exit

Enter option :1

Enter the ID :23

Match found!

Name :sree

Regno :23

Dept :CSE

Total :234.0

Grade :B

How do you like to search

1.By ID

2.Dep

3.Exit

Enter option :2

Enter the dept :EEE

Match found!

Name :ram

Regno :12

Dept :EEE

Total :221.0

Grade :B

How do you like to search

1.By ID

2.Dep

3.Exit

Enter option :3

*/

ASSIGNMENT 2B

1. Sorting

```
import java.util.Scanner;
public class sort
{
    Scanner obj = new Scanner(System.in);
    int i,j,k,temp,n,a[];
    public void initialize()
```

```
{
        System.out.println("Enter no. elements:");
        n=obj.nextInt();
        a=new int[n];
}
public void input()
{
        System.out.println("\nEnter elements:");
        for(i=0;i<n;i++)
        {
                a[i]=obj.nextInt();
        }
}
public void sorting(int x)
{
        if(x==1)
        {
                for(i=0;i<n;i++)
                {
                        for(j=i+1;j<n;j++)
                        {
                                if(a[i]>a[j])
                                {
                                        temp=a[i];
                                        a[i]=a[j];
                                        a[j]=temp;
                                }
                        }
                }
        }
        else if(x==2)
        {
```

```
            for(i=0;i<n;i++)
            {
                for(j=i+1;j<n;j++)
                {
                    if(a[i]<a[j])
                    {
                        temp=a[i];
                        a[i]=a[j];
                        a[j]=temp;
                    }
                }
            }
        }
        else
        {
            System.out.println("Enter the option correctly");
        }
    }
    public void print()
    {
        System.out.println("\nThe Sorted array is");
        for(i=0;i<n;i++)
        {
            System.out.println(a[i]);
        }
    }
    public int end()
    {
        System.out.println("Wanna try again..\npress any key other than -1");
        int x=obj.nextInt();
        return x;
    }
    public static void main(String args[])
```

```
    {
        int i;
        Scanner obj = new Scanner(System.in);
        sort a = new sort();
        while(true){
        a.initialize();
        a.input();
        System.out.print("\nSorting type\n1.Ascending\n2.Descending");
        for(i=0;i<2;i++)
        {
            System.out.println("\nEnter the option");
            int x=obj.nextInt();
            a.sorting(x);
            a.print();
        }
        int f=a.end();
        if(f==-1)
        {
            break;
        }
    }
    }
}
/*

PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> javac sort.java
PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> java sort
Enter no. elements:
7

Enter elements:
1
5
```

2

3

7

6

4

Sorting type

1.Ascending

2.Descending

Enter the option

2

The Sorted array is

7

6

5

4

3

2

1

Enter the option

1

The Sorted array is

1

2

3

4

5

6

7

Wanna try again..

press any key other than -1

-1

*/

2. Search

```
import java.util.Scanner;
public class search
{
	Scanner obj = new Scanner(System.in);
	int i,j,temp,n,a[];
	public void initialize()
	{
		System.out.println("Enter no. elements:");
		n=obj.nextInt();
		a=new int[n];
	}
	public void input()
	{
		System.out.println("\nEnter elements:");
		for(i=0;i<n;i++)
		{
			a[i]=obj.nextInt();
		}
	}
	public int searching(int x)
	{
		int flag=0;
		for(i=0;i<n;i++)
		{
			if(a[i]==x)
			{
```

```
                flag=1;
                break;
            }
        }
        if(flag==0)
            return -1;
        else
            return i;
}
public void sorting()
{
        for(i=0;i<n;i++)
        {
            for(j=i+1;j<n;j++)
            {
                if(a[i]>a[j])
                {
                    temp=a[i];
                    a[i]=a[j];
                    a[j]=temp;
                }
            }
        }
}
public int bsearch(int x)
{
        int lower_limit=0,upper_limit=n-1,middle;
        middle=(lower_limit+upper_limit)/2;
        while(lower_limit<=upper_limit)
        {
            if(x<a[middle])
            {
                upper_limit=middle-1;
```

```
                }
                else if(a[middle]<x)
                {
                        lower_limit=middle+1;
                }
                else if(x==a[middle])
                {
                        return middle;
                }
                middle=(lower_limit+upper_limit)/2;
        }
        return -1;
    }
    public void print1()
    {
        System.out.println("\nThe Sorted array is");
        for(i=0;i<n;i++)
        {
                System.out.print(i+" ");
                System.out.println(a[i]);
        }
    }

    public static void main(String args[])
    {
        Scanner obj = new Scanner(System.in);
        search a = new search();
        a.initialize();
        a.input();
        System.out.print("\nEnter the number to be searched :");
        int x = obj.nextInt();
        System.out.print("\nEnter which type of method to search\n1.Linear\n2.Binary\nEnter the
option :");
```

```
            int y = obj.nextInt();
            if(y==1)
            {
                int element=a.searching(x);
                if(element!=-1)
                {
                    System.out.println("\nThe element is found in the positon "+element);
                }
                else
                {
                    System.out.println("\n404.Not Found");
                }
            }
            else if(y==2)
            {
                a.sorting();
                a.print1();
                int element=a.bsearch(x);
                if(element!=-1)
                {
                    System.out.println("The element is found in the positon "+element);
                }
                else
                {
                    System.out.println("\n404.Not Found");
                }
            }
            else
            {
                System.out.println("Enter the option correctly");
            }
    }
    }
```

```
/*

PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> javac search.java
PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> java search
Enter no. elements:
6

Enter elements:
2
4
5
3
1
6

Enter the number to be searched :1

Enter which type of method to search
1.Linear
2.Binary
Enter the option :2

The Sorted array is
0 1
1 2
2 3
3 4
4 5
5 6
The element is found in the positon 0

*/
```

3. Matrix

```
import java.util.Scanner;
public class matrix
{
	Scanner obj = new Scanner(System.in);
	int a[][],b[][],c[][],n,i,j,k;
	public void initialize()
	{
		System.out.print("Enter the number of rows and columns :");
		n=obj.nextInt();
		a=new int[n][n];
		b=new int[n][n];
		c=new int[n][n];
	}
	public void input()
	{
		System.out.println("\nInput");
		System.out.println("\nMatrix A :");
		for(i=0;i<n;i++)
		{
			for(j=0;j<n;j++)
			{
				a[i][j]=obj.nextInt();
			}
		}
		System.out.println("\nMatrix B :");
		for(i=0;i<n;i++)
		{
			for(j=0;j<n;j++)
			{
				b[i][j]=obj.nextInt();
```

```
            }
        }
    }
    public void calculation(int x)
    {
        if(x==1)
        {
            for(i=0;i<n;i++)
            {
                for(j=0;j<n;j++)
                {
                    c[i][j]=a[i][j]+b[i][j];
                }
            }
        }
        else if(x==2)
        {
            for(i=0;i<n;i++)
            {
                for(j=0;j<n;j++)
                {
                    for(k=0;k<n;k++)
                    {
                        c[i][j]+=a[i][k]+b[k][j];
                    }
                }
            }
        }
        else
        {
            System.out.println("Invalid choice");
        }
    }
```

```
    public void display()
    {
        System.out.println("\nResult Matrix");
        for(i=0;i<n;i++)
        {
            for(j=0;j<n;j++)
            {
                System.out.print(c[i][j]+" ");
            }
            System.out.println();
        }
    }
    public static void main(String args[])
    {
        int i;
          Scanner obj = new Scanner(System.in);
        matrix a = new matrix();
        a.initialize();
        a.input();
        for(i=0;i<2;i++)
        {
            System.out.print("\n1.Addition\n2.Multiplication\nEnter the option :");
            int x=obj.nextInt();
            a.calculation(x);
            a.display();
        }

    }

}
/*

PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> javac matrix.java
```

PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> java matrix

Enter the number of rows and columns :3

Input

Matrix A :

4 5 6

3 5 2

1 1 4

Matrix B :

3 5 2

4 7 5

1 2 1

1.Addition

2.Multiplication

Enter the option :1

Result Matrix

7 10 8

7 12 7

2 3 5

1.Addition

2.Multiplication

Enter the option :2

Result Matrix

30 39 31

25 36 25

16 23 19

*/

4. Non Repeating terms

```
import java.util.Scanner;
public class nonrepeating
{
	Scanner obj = new Scanner(System.in);
	int a[],i,j,n,count=0,flag=0;
	public void initialization()
	{
		System.out.print("Enter no. of Elements :");
		n=obj.nextInt();
		a=new int[n];
	}
	public void input()
	{
		System.out.println("Enter elements:");
		for(i=0;i<n;i++)
		{
			a[i]=obj.nextInt();
		}
	}
	public int compute()
	{
		for(i=0;i<n;i++)
		{
			flag=0;
			for(j=0;j<n;j++)
			{
				if(i==j)
				{
					continue;
				}
```

```
                        if(a[i]==a[j])
                        {
                                flag=1;
                                break;
                        }
                }
                if(flag==0)
                {
                        count++;
                }
        }
        return count;
    }
    public static void main(String args[])
    {
        Scanner obj = new Scanner(System.in);
        nonrepeating a = new nonrepeating();
        a.initialization();
        a.input();
        int total=a.compute();
        System.out.println("\nNumber of non repeating terms :"+total);

    }

}
/*

PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> javac nonrepeating.java
PS F:\Study\SSN\3rd Sem\Java\Assignments\Assignment 1> java nonrepeating
Enter no. of Elements :7
Enter elements:
1
2
```

3

4

3

5

2

Number of non repeating terms :3*/