```java
import java.util.Scanner;
import java.lang.Math;
class Diasarium
{
 int Check(int n)
 {
  int m=n,sum=0,count=0;
  while(n>0)
  {
   count++;
   n=n/10;
  }
  for(int i=count;m>0;i--)
  {
   sum=sum+(int)Math.pow(m%10,i);
   m=m/10;
  }
  return sum;
 }
 public static void main(String args[])
 { System.out.println("Shaik.Muneer\nSap.id: 51834598");
  Diasarium d=new Diasarium();
  Scanner sc=new Scanner(System.in);
  System.out.println("Enter the number : ");
  int num=sc.nextInt();
  if(d.Check(num)==num)
  {
   System.out.println(num+" is Diasarium number");
  }
  else
  {
   System.out.println(num+" is not Diasarium number");
  }
  System.out.println("Enter the number upto which the Diasari
  num=sc.nextInt();
  for(int i=1;i<=num;i++)
  {
   if(d.Check(i)==i)
   {
    System.out.print(i+" ");
   }
  }
  System.out.println();
  System.out.println("Enter the start number : ");
  int num1=sc.nextInt();
  System.out.println("Enter the end number : ");
  int num2=sc.nextInt();
  for(int i=num1;i<=num2;i++)
  {
   if(d.Check(i)==i)
   {
    System.out.print(i+" ");
   }
  }
 }
}
```

```
Shaik.Muneer
Sap.id: 51834598
Enter the number :
5
5 is Diasarium number
Enter the number upto which the Diasarium numbers to be
58666
1 2 3 4 5 6 7 8 9 89 135 175 518 598 1306 1676 2427
Enter the start number :
0
Enter the end number :
980
0 1 2 3 4 5 6 7 8 9 89 135 175 518 598
Process finished.
```

```java
import java.util.Arrays;

public class Main
{
  private static void sortBinaryArray(int[] inputArray)
  {
    int zeroCount = 0;

    System.out.println("Shaik.Muneer\nSAP ID:51834598");
    System.out.println("Input Array Before Sorting : "+Arrays.toSt

    for (int n = 0; n < inputArray.length; n++)
    {
      if (inputArray[n] == 0)
      {
        zeroCount++;
      }
    }

    for (int n = 0; n < zeroCount; n++)
    {
      inputArray[n] = 0;
    }

    for (int n = zeroCount; n < inputArray.length; n++)
    {
      inputArray[n] = 1;
    }

    System.out.println("Input Array After Sorting : "+Arrays.toStri
  }

  public static void main(String[] args)
  {
    sortBinaryArray(new int[] {1,0,1,0,1,1,0,0});
  }
}
```

Terminal

```
Shaik.Muneer
SAP ID:51834598
Input Array Before Sorting : [1, 0, 1, 0, 1, 1, 0, 0]
Input Array After Sorting : [0, 0, 0, 0, 1, 1, 1, 1]

Process finished.
```

```java
import java.util.Scanner;
class ReplaceNumber
{
static int replaceDigit(int x, int d1, int d2)
{
 int result = 0, multiply = 1;

 while (x % 10 > 0)
 {
  int remainder = x % 10;
  if (remainder == d1)
   result = result + d2 * multiply;
  else
   result = result + remainder * multiply;
  multiply *= 10;
  x = x / 10;
 }
 return result;
}
public static void main(String[] args)
{ Scanner s = new Scanner(System.in);
System.out.println("Shaik.Muneer\nSap id : 51834598");
System.out.println("Enter the number: ");
 int v1 = s.nextInt();
 System.out.println("Enter the number you want to change: ");
  int v2 = s.nextInt();
  System.out.println("Enter the number you want to insert: ");
  int v3 = s.nextInt();
  System.out.println("Output: ");
 System.out.println(replaceDigit(v1,v2,v3));
}
}
```

× Terminal

```
Shaik.Muneer
Sap id : 51834598
Enter the number:
52245633
Enter the number you want to change:
2
Enter the number you want to insert:
5
Output:
55545633

Process finished.
```

```java
class Dcoder
{
  public static void main(String args[])
  { System.out.println("Shaik.Muneer\nSap.id: 51834598");
   for(int i=1;i<=5;i++)
   {
    for(int j=1;j<=i;j++)
    {
     if(i==5 && j==3)
     {
      System.out.print("@");
     }
     else if(j==1 || j==i)
     {
      System.out.print("1");
     }
     else
     {
      System.out.print("0");
     }
    }
    System.out.println();
   }
  }
}
```

Terminal

```
Shaik.Muneer
Sap.id: 51834598
1
11
101
1001
10@01

Process finished.
```

```java
import java.util.*;
public class Program
{
   public static void main(String[] args) {
    System.out.println("Shaik.Muneer\nSap.id: 51834598");
     Scanner s = new Scanner (System.in);
     System.out.println("Enter the length of the String");
     int length = s.nextInt();
     s.nextLine();
     String name[] = new String [length];
     int std[] = new int [length];
     boolean chk = false;
     System.out.println("Enter the string");
    for (int i = 0; i<length; i++)
    {
       name[i] = s.nextLine();


    }
    System.out.println("Enter the String  name you want to sear
    String search = s.nextLine();
    int f = 0;
    int l = length-1;
    int m;
    while (f<=l)
    {
       m = (f+l)/2;
       if (search.compareTo(name[m])>0)
       {
          f = m+1;
       }
       else if (search.compareTo(name[m])<0)
       {
          l = m-1;
       }
       else
       {
          chk = true;
          System.out.println("Search successful");
          System.out.println("String is found at : "+m+" "+ "Index")

          break;
       }
    }
    if (chk == false)
    {
       System.out.println("Search unsuccessful");
    }
  }
}
```

```
Shaik.Muneer
Sap.id: 51834598
Enter the length of the String
5
Enter the string
Muneer
Hemanth
sai
Manoj
tarun
Enter the String  name you want to search
sai
Search successful
String is found at : 2 Index

Process finished.
```

2020, 3:00 PM

This quiz will close at Thursday, 23 July 2020, 4:00 PM

Time limit: 30 mins

SUMMARY OF YOUR PREVIOUS ATTEMPTS

State	Marks / 20.00	Grade / 10.00	Review
Finished Submitted Thursday, 23 July 2020, 3:54 PM	9.00	4.50	

YOUR FINAL GRADE FOR THIS QUIZ IS 4.50/10.00.

No more attempts are allowed

Back to the course