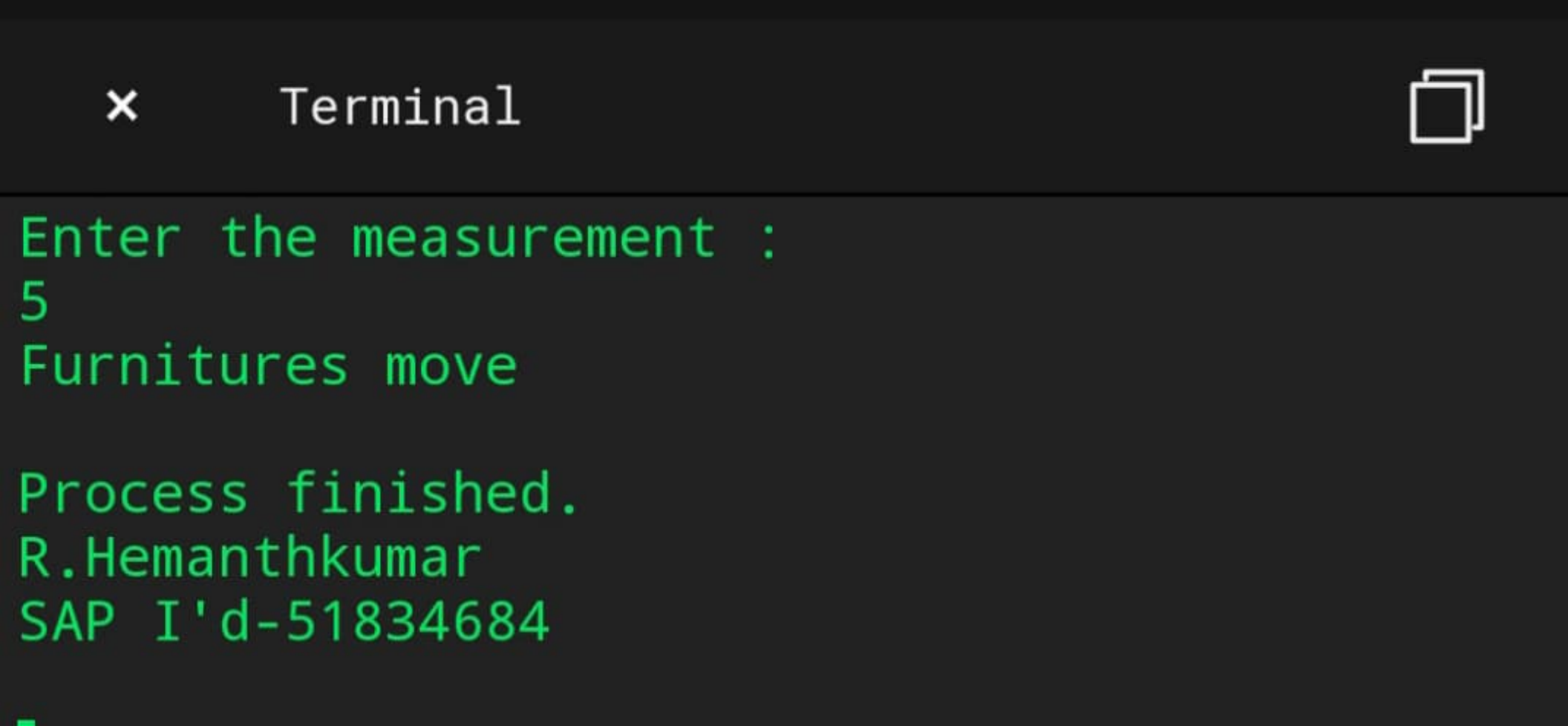
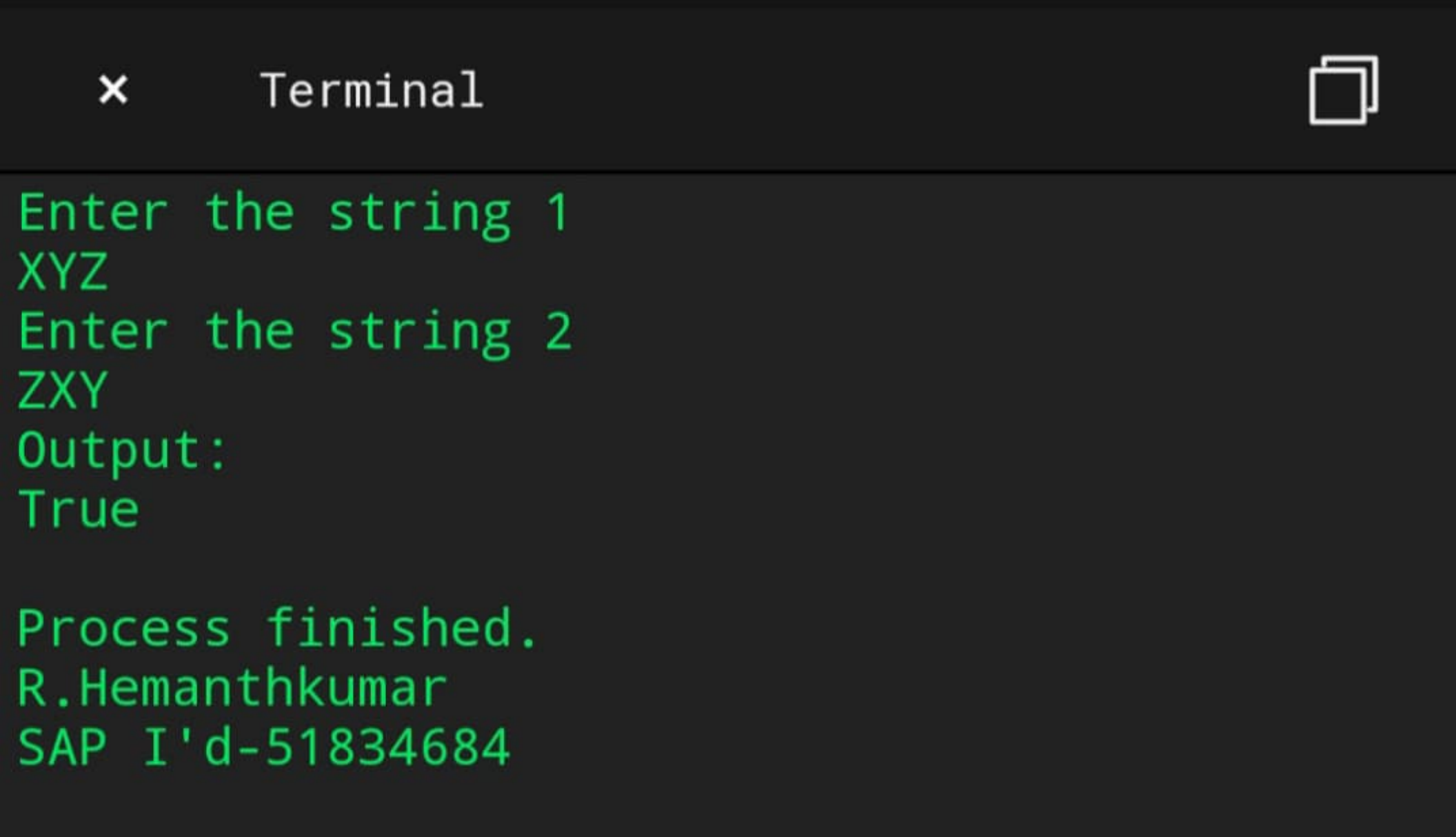
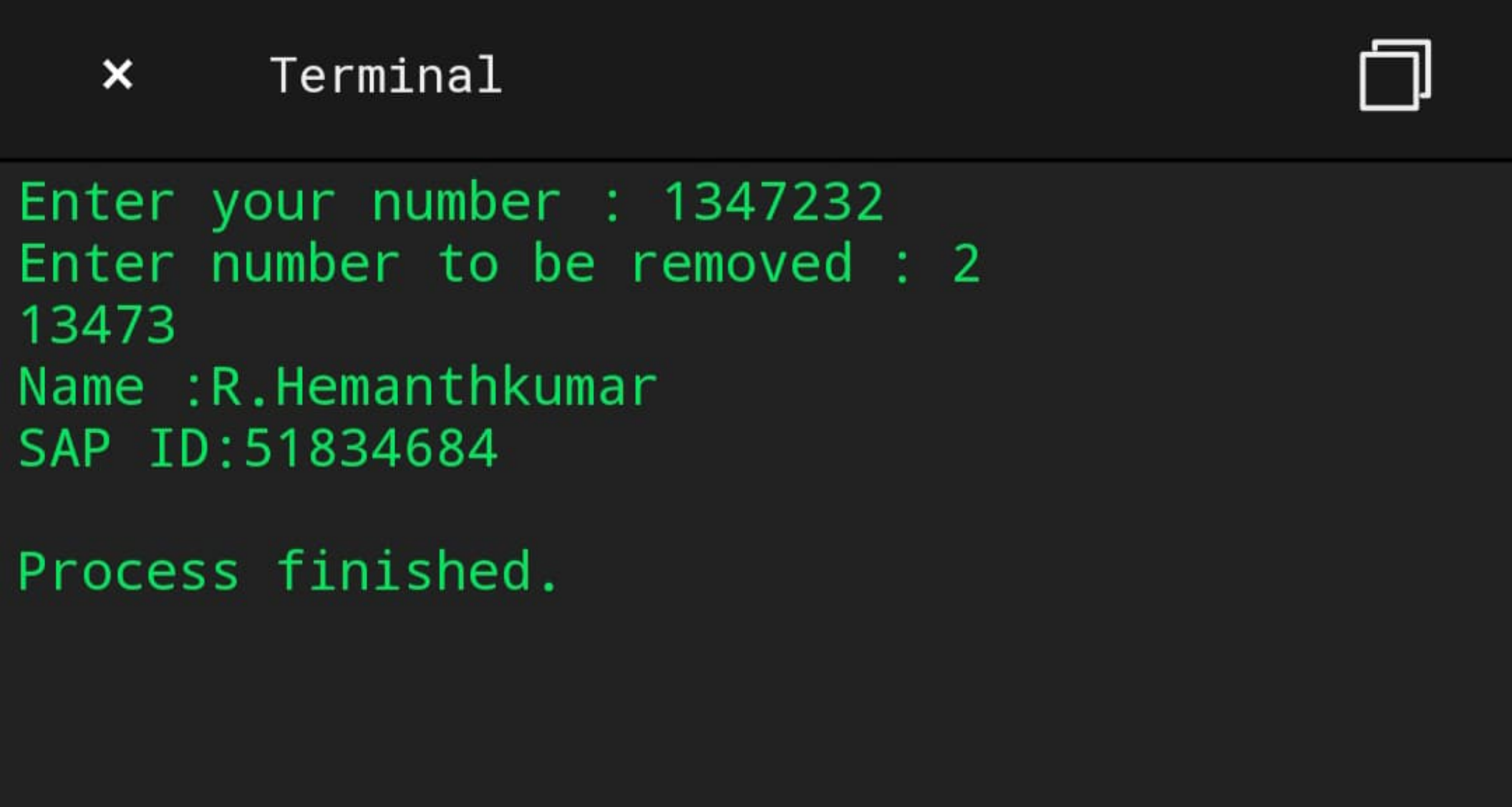
```java
import java.util.Scanner;
import java.util.InputMismatchException;
class Earthquake
{
  public float measurement;
  void description(float measure) throws Exception
  {
    this.measurement=measure;
    if(measurement>=0 && measurement<2)
    {
      System.out.println("Micro earthquake, not felt"
    }
    else if(measurement>=2 && measurement<3)
    {
      System.out.println("Generally not felt, but rec
    }
    else if(measurement>=3 && measurement<4)
    {
      System.out.println("Noticeable shaking of indoo
    }
    else if(measurement>=4 && measurement<5)
    {
      System.out.println("Walls crack");
    }
    else if(measurement>=5 && measurement<6)
    {
      System.out.println("Furnitures move");
    }
    else if(measurement>=6 && measurement<7)
    {
      System.out.println("Some buildings collapse");
    }
    else if(measurement>=7 && measurement<8)
    {
      System.out.println("Many buildings collapsed");
    }
    else if(measurement>=8 && measurement<=12)
    {
      System.out.println("Total destruction of buildi
    }
    else if(measurement>12)
    {
      throw new Exception("Application crashed");
    }
    else
    {
      throw new Exception("You cannot enter negative n
    }
  }
}
 class UserInput
 {
   public static void main(String args[])
   {
     Earthquake e=new Earthquake();
     Scanner sc=new Scanner(System.in);
     System.out.println("Enter the measurement : ");
     try
     {
       int measure=sc.nextInt();
       try
       {
         e.description(measure);
       }
       catch(Exception ex)
       {
         System.out.println(ex.getMessage());
       }
     }
     catch(InputMismatchException i)
     {
       System.out.println("You cannot enter other tha
     }
   }
 }
```


Terminal
Enter the measurement :
5
Furnitures move
Process finished.
R.Hemanthkumar
SAP I'd-51834684

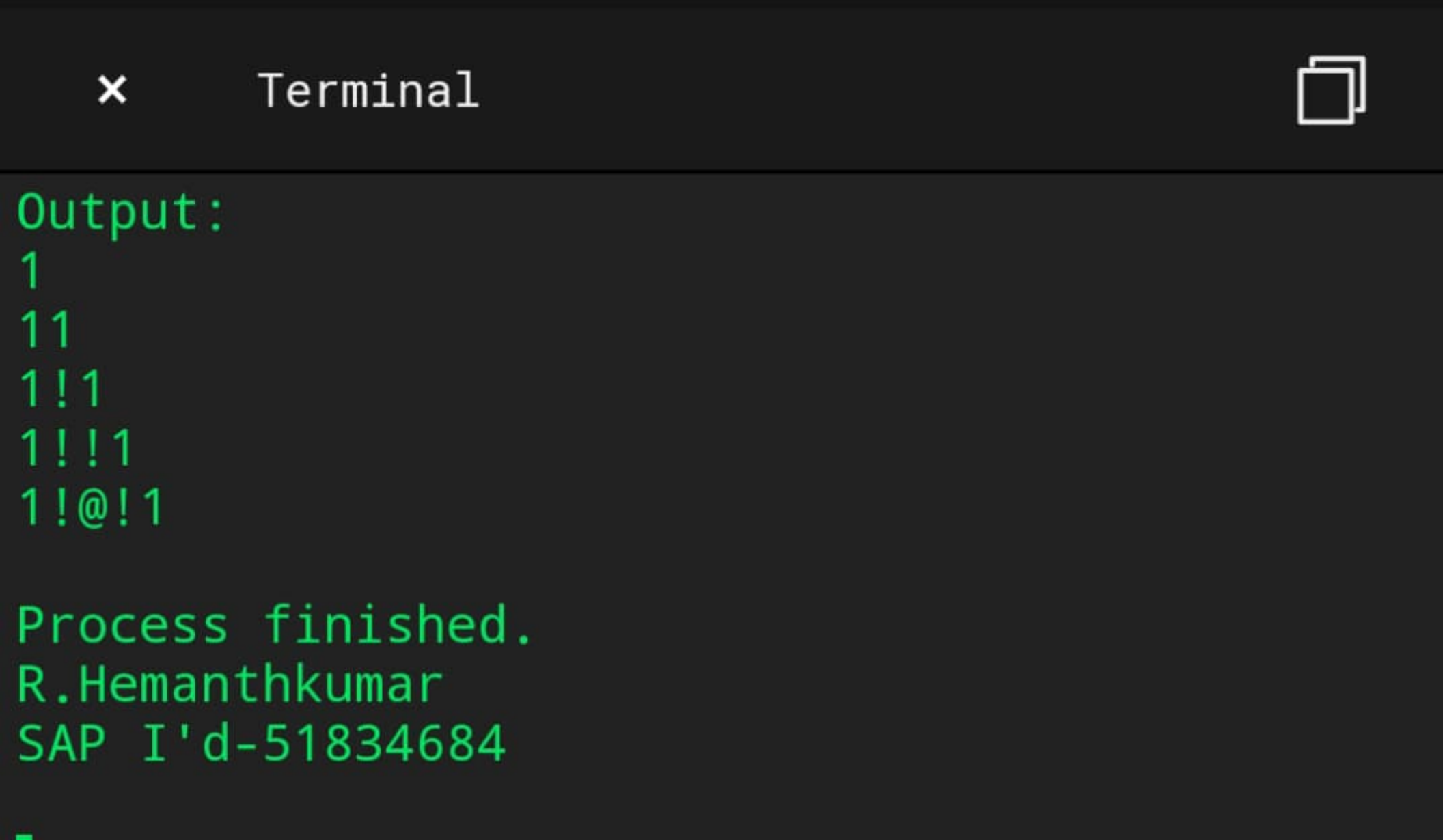
```java
import java.util.*;
class StringRotation
{
  static boolean areRotations(String str1,
                              String str2)
  {
    return (str1.length() == str2.length()) &&
      ((str1 + str1).indexOf(str2) != -1);
  }
  public static void main (String[] args)
  { Scanner s = new Scanner(System.in);
  System.out.println("Enter the string 1");
    String str1 = s.nextLine();
    System.out.println("Enter the string 2");
    String str2 = s.nextLine();
    System.out.println("Output: ");
    if (areRotations(str1, str2))
      System.out.println("True");
    else
      System.out.printf("False");
  }
}
```


Terminal
Enter the string 1
XYZ
Enter the string 2
ZXY
Output:
True
Process finished.
R.Hemanthkumar
SAP I'd-51834684

```java
import java.util.Scanner;
class RemoveInterger
{
static int replaceDigit(int x, int a)
{
  int result = 0, multiply = 1;
  while (x % 10 > 0)
  {
    int remainder = x % 10;
    if (remainder != a)
    {
      result = result + remainder * multiply;
      multiply *= 10;
    }
     x = x / 10;
  }
  return result;
}
public static void main(String[] args)
{
  Scanner sc=new Scanner(System.in);
  System.out.print("Enter your number : ");
  int x = sc.nextInt();
  System.out.print("Enter number to be removed : ");
  int a = sc.nextInt();
  System.out.println(replaceDigit(x, a));
  System.out.println("Name :R.Hemanthkumar\nSAP ID:51
}
}
```

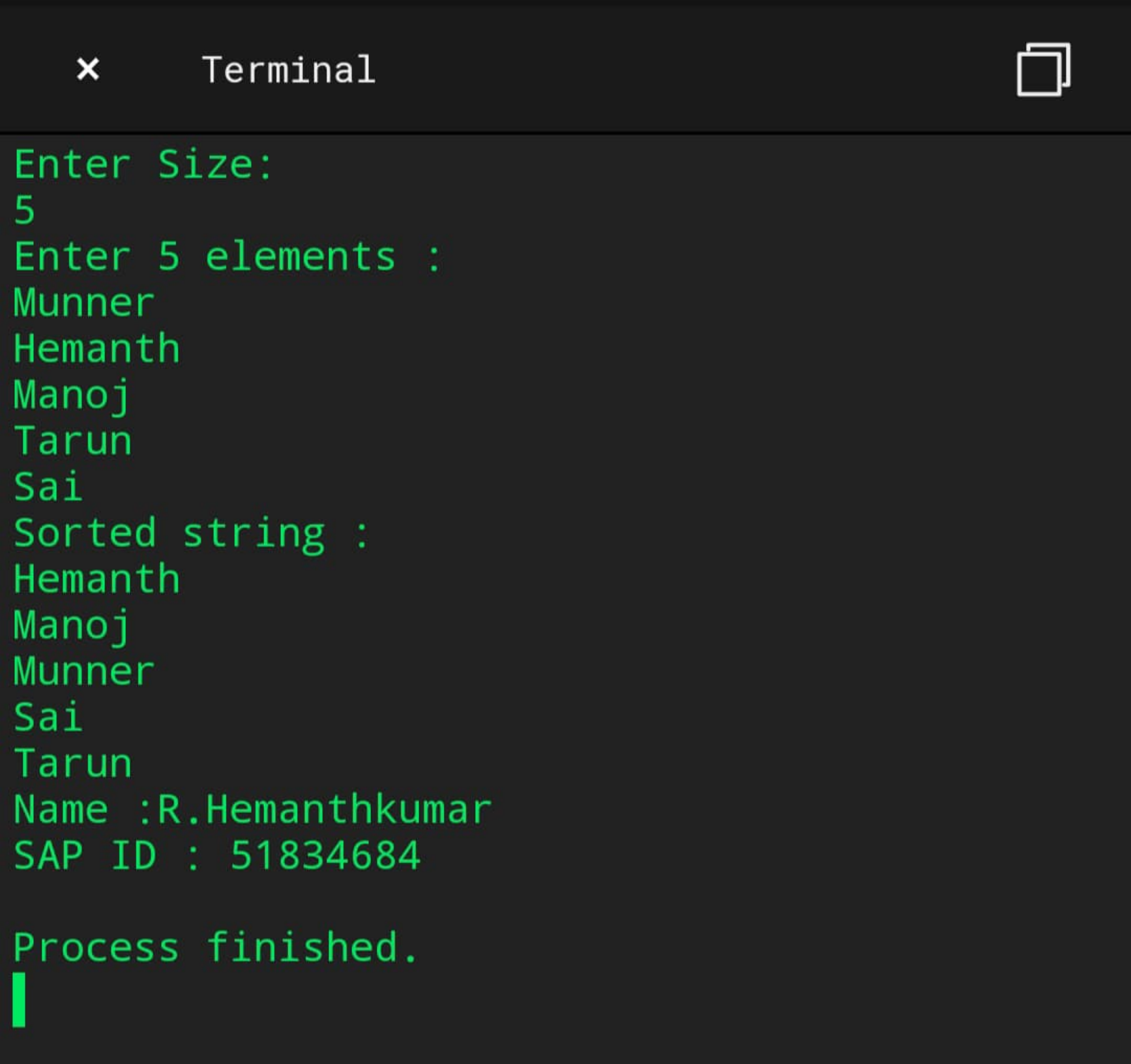

Terminal
Enter your number : 1347232
Enter number to be removed : 2
13473
Name :R.Hemanthkumar
SAP ID:51834684
Process finished.

```java
class Pattern
 {
   public static void main(String args[])
   {
     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("!");
         }
       }
       System.out.println();
     }
   }
 }
```


Terminal
Output:
1
11
1!1
1!!1
1!@!1
Process finished.
R.Hemanthkumar
SAP I'd-51834684

```java
import java.util.Scanner;
public class BubbleSorting
{
  public static void main(String []args)
  {
   Scanner sc = new Scanner(System.in);
   System.out.println("Enter Size:");
   int n = sc.nextInt();
   sc.nextLine();
   String[] str = new String[n];
   System.out.println("Enter "+n+" elements : ");
   for (int i=0;i<n;i++)
   {
     str[i]=sc.nextLine();
   }
   for (int i=0;i<n;i++)
   {
     for (int j=i+1;j<n;j++)
     {
        if (str[i].compareTo(str[j])>0)
        {
           String temp = str[j];
           str[j] = str[i];
           str[i] = temp;
        }
     }
    }
    System.out.println("Sorted string : ");
    for (int i=0;i<n;i++)
    {
       System.out.println(str[i]);
    }
    System.out.println("Name :R.Hemanthkumar\nSAP ID

  }
}
```


Terminal
Enter Size:
5
Enter 5 elements :
Munner
Hemanth
Manoj
Tarun
Sai
Sorted string :
Hemanth
Manoj
Munner
Sai
Tarun
Name :R.Hemanthkumar
SAP ID : 51834684
Process finished.