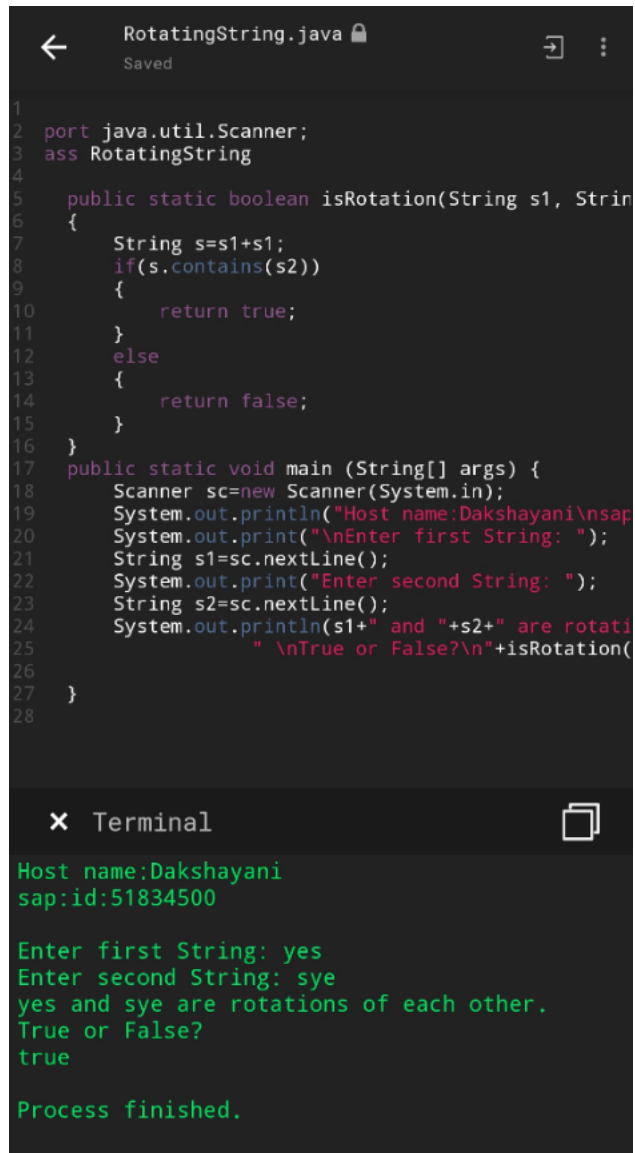


2nd question and answer



```
RotatingString.java
Saved

1
2 import java.util.Scanner;
3 class RotatingString
4
5     public static boolean isRotation(String s1, String s2)
6     {
7         String s=s1+s1;
8         if(s.contains(s2))
9         {
10             return true;
11         }
12         else
13         {
14             return false;
15         }
16     }
17     public static void main (String[] args) {
18         Scanner sc=new Scanner(System.in);
19         System.out.println("Host name:Dakshayani\nsap:");
20         System.out.print("\nEnter first String: ");
21         String s1=sc.nextLine();
22         System.out.print("Enter second String: ");
23         String s2=sc.nextLine();
24         System.out.println(s1+" and "+s2+" are rotations of each other. True or False?");
25         System.out.println(isRotation(s1,s2));
26     }
27 }
28
```

Terminal

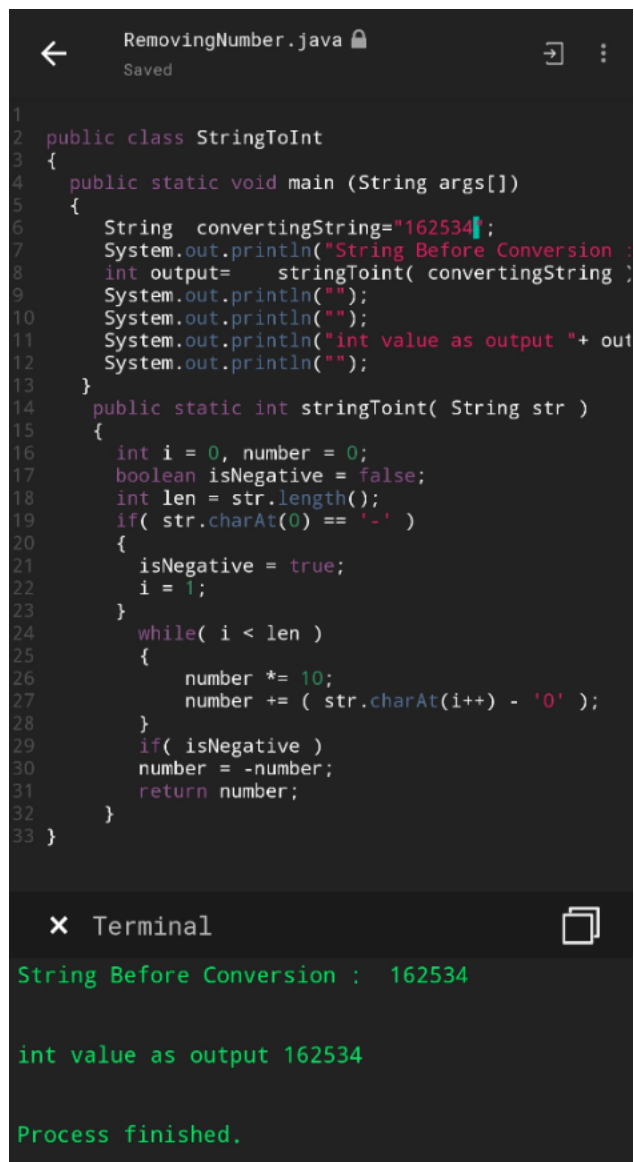
```
Host name:Dakshayani
sap:id:51834500

Enter first String: yes
Enter second String: sye
yes and sye are rotations of each other.
True or False?
true

Process finished.
```

3rd question and answer





The screenshot shows a Java IDE with a file named "RemovingNumber.java". The code defines a class "StringToInt" with a "main" method and a "stringToint" static method. The "main" method initializes a string "convertingString" to "162534", prints it, and then calls "stringToint". The "stringToint" method iterates through the string, building a number by multiplying by 10 and adding the digit value. It also handles negative signs. The output in the terminal shows the string before conversion and the resulting integer value.

```
1 public class StringToInt
2 {
3     public static void main (String args[])
4     {
5         String convertingString="162534";
6         System.out.println("String Before Conversion :
7         int output= stringToint( convertingString );
8         System.out.println("");
9         System.out.println("");
10        System.out.println("int value as output "+ out
11        System.out.println("");
12    }
13    public static int stringToint( String str )
14    {
15        int i = 0, number = 0;
16        boolean isNegative = false;
17        int len = str.length();
18        if( str.charAt(0) == '-' )
19        {
20            isNegative = true;
21            i = 1;
22        }
23        while( i < len )
24        {
25            number *= 10;
26            number += ( str.charAt(i++) - '0' );
27        }
28        if( isNegative )
29            number = -number;
30        return number;
31    }
32 }
33 }
```

Terminal

```
String Before Conversion : 162534

int value as output 162534

Process finished.
```

4th question and answer

```
← Pattern1.java Saved
1
2 class Pattern1
3 {
4     public static void main(String args[])
5     {
6         System.out.println("Host name:Dakshayani\nSAP:");
7         for(int i=1;i<=5;i++)
8         {
9             for(int j=1;j<=i;j++)
10            {
11                if(i==5 && j==3)
12                {
13                    System.out.print("@");
14                }
15                else if(j==1 || j==i)
16                {
17                    System.out.print("1");
18                }
19                else
20                {
21                    System.out.print("!");
22                }
23            }
24            System.out.println();
25        }
26    }
27 }
```

✕ Terminal

```
Host name:Dakshayani
SAP:ID:51834500
1
11
1!1
1!!1
1!@!1

Process finished.
```

Mock assignment

Quiz marks:- 11 marks



Edit with WPS Office