

5:48 0.36 KB/s 4G

main.java

Saved

```
1 import java.util.*;
2 public class Main {
3     public static void main(String[] args) throws Exception
4         Scanner sc = new Scanner(System.in);
5         System.out.println("Author: T.S.S.S.N.V.Pavan Kumar");
6         System.out.println("Enter the first string:");
7         String input = sc.nextLine();
8         System.out.println("Enter the second string:");
9         String rotation = sc.nextLine();
10        if (checkRotatation(input, rotation)) {
11            System.out.println(input + " and " + rotation
12                + " are rotation of each other");
13        } else {
14            System.out.println("they are not rotation of another");
15        }
16        sc.close();
17    }
18    public static boolean checkRotatation(String original, S
19        if (original.length() != rotation.length()) {
20            return false;
21        }
22        String concatenated = original + original;
23        if (concatenated.indexOf(rotation) != -1) {
24            return true;
25        }
26        return false;
27    }
28 }
```

x Terminal

```
Author: T.S.S.S.N.V.Pavan Kumar
SAP ID:51834685
Enter the first string:
Hello
Enter the second string:
world
they are not rotation of another

Process finished.
```

2.



Edit with WPS Office

The screenshot shows a mobile application interface. At the top, there is a status bar with icons for signal strength, battery level, and other system notifications. Below the status bar is a header bar with a back arrow, the file name "Main 2.java", a lock icon, and a "Saved" indicator. To the right of the header are three small icons: a square with a line, a vertical ellipsis, and a horizontal ellipsis.

The main area contains the Java code for a class named "Demo". The code prints a pattern of characters based on the values of variables "i" and "j".

```
1 class Demo{  
2     public static void main (String args[]){  
3         System.out.println(" Author: T.S.S.S.N.V.Pavan Kumar ")  
4         for(int i=0;i<=5;i++){  
5             for(int j=0;j<i;j++){  
6                 if(j==0||j==i-1){  
7                     System.out.print(" I ");  
8                 }  
9                 else if(i==5&&j==2){  
10                     System.out.print("@");  
11                 }  
12                 else{  
13                     System.out.print(" ! ");  
14                 }  
15             }  
16             System.out.println();  
17         }  
18     }  
19 }
```

Below the code editor is a terminal window titled "Terminal". It displays the output of running the Java code. The output includes the author's name and SAP ID, followed by a pattern of characters ("I", "@", "!").

```
Author: T.S.S.S.N.V.Pavan Kumar  
sap id:51834685  
  
I  
II  
III  
!!!  
!!!@!!  
  
Process finished.
```

At the bottom left of the screen, there is a small number "4." followed by a red rectangular button. The button has a white "WPS" logo on it.



Edit with WPS Office

The screenshot shows a mobile application interface. At the top, there is a status bar with icons for signal strength, battery level, and time (5:54). Below the status bar is a navigation bar with a back arrow, the file name "Main3.java", a lock icon, and a save icon. The main area contains the Java code for a "Main" class with a "bubbleSort" method. The code is color-coded for syntax highlighting. Below the code editor is a terminal window titled "Terminal". The terminal displays the output of running the Java program, which includes the author's details ("Author: T.S.S.S.N.V.Pavan Kumar SAP ID:5183685") and the sorted array ("[-2, 1, 3, 4, 5, 8, 9]"). The terminal also shows the message "Process finished." at the end.

```
1 import java.util.Arrays;
2 class Main
3 {
4     public static void swap(int[] arr, int a, int b)
5     {
6         int temp = arr[a];
7         arr[a] = arr[b];
8         arr[b] = temp;
9     }
10    public static void bubbleSort(int[] arr, int x)
11    {
12        for (int a = 0; a < x - 1; a++) {
13            if (arr[a] > arr[a + 1]) {
14                swap(arr, a, a + 1);
15            }
16        }
17        if (x - 1 > 1) {
18            bubbleSort(arr, x - 1);
19        }
20    }
21    public static void main(String[] args)
22    {
23        int[] arr = { 3, 5, 8, 4, 1, 9, -2 };
24        bubbleSort(arr, arr.length);
25        System.out.println("Author: T.S.S.S.N.V.Pavan Kumar");
26        System.out.println(Arrays.toString(arr));
27    }
28 }
```

x Terminal

```
Author: T.S.S.S.N.V.Pavan Kumar
SAP ID:5183685
[-2, 1, 3, 4, 5, 8, 9]

Process finished.
```

5.



Edit with WPS Office