

Main.java



Run

Output

```
1 public class CountVowels {
2     public static void main(String[] args) {
3         String statement = "Saveetha School of Engineering";
4         int vowelsCount = countVowels(statement);
5         System.out.println("Number of vowels = " + vowelsCount);
6     }
7
8     public static int countVowels(String statement) {
9         int count = 0;
10        for (int i = 0; i < statement.length(); i++) {
11            char ch = statement.charAt(i);
12            if (ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch ==
                'u' ||
13            ch == 'A' || ch == 'E' || ch == 'I' || ch == 'O' || ch ==
                'U') {
14                count++;
15            }
16        }
17        return count;
18    }
19 }
20
```

```
java -cp /tmp/PyuglSYjdw/CountVowels
Number of vowels = 12
```

```
=== Code Execution Successful ===
```



Main.java



Run

Output

```
1 import java.util.Scanner;
2
3 public class CharacterFinder {
4     public static void main(String[] args) {
5         Scanner scanner = new Scanner(System.in);
6
7         System.out.print("Enter the string: ");
8         String inputString = scanner.nextLine();
9
10        System.out.print("Enter the character to be searched: ");
11        char searchChar = scanner.next().charAt(0);
12
13        int index = findCharacter(inputString, searchChar);
14
15        if (index != -1) {
16            System.out.println(searchChar + " is found in string at index:
17                " + index);
18        } else {
19            System.out.println(searchChar + " is not found in the string."
20                );
21        }
22    }
23
24    public static int findCharacter(String str, char ch) {
```

```
java -cp /tmp/T2lIeY8Gx0/CharacterFinder
Enter the string: akash
Enter the character to be searched: a
a is found in string at index: 0

=== Code Execution Successful ===
```



Main.java



Run

Output

```
1 public class CountVowels {
2     public static void main(String[] args) {
3         String statement = "Saveetha School of Engineering";
4         int vowelsCount = countVowels(statement);
5         System.out.println("Number of vowels = " + vowelsCount);
6     }
7
8     public static int countVowels(String statement) {
9         int count = 0;
10        for (int i = 0; i < statement.length(); i++) {
11            char ch = statement.charAt(i);
12            if (ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch ==
                'u' ||
13            ch == 'A' || ch == 'E' || ch == 'I' || ch == 'O' || ch ==
                'U') {
14                count++;
15            }
16        }
17        return count;
18    }
19 }
20
```

```
java -cp /tmp/PyuglSYjdw/CountVowels
Number of vowels = 12
```

```
=== Code Execution Successful ===
```



Main.java



Run

Output

```
1 import java.util.regex.Matcher;
2 import java.util.regex.Pattern;
3
4 public class SpecialCharactersCounter {
5     public static void main(String[] args) {
6         String line = "Hello! How are you? 123 #$$%^&*";
7         int specialCharCount = 0;
8
9         Pattern pattern = Pattern.compile("[^a-zA-Z0-9\\s]");
10        Matcher matcher = pattern.matcher(line);
11
12        System.out.println("Special Characters in the Line:");
13        while (matcher.find()) {
14            System.out.println(matcher.group());
15            specialCharCount++;
16        }
17
18        System.out.println("Number of Special Characters: " +
19            specialCharCount);
20    }
21 }
```

```
java -cp /tmp/uX3IcWmxI/SpecialCharactersCounter
Special Characters in the Line:
!
?
#
$
%
^
&
*
Number of Special Characters: 8
=== Code Execution Successful ===
```



Main.java



Run

Output

```
1 * import java.util.Scanner;
2
3 * public class UserNameValidator {
4 *     public static void main(String[] args) {
5 *         Scanner scanner = new Scanner(System.in);
6 *
7 *         System.out.print("Enter your username: ");
8 *         String userName = scanner.nextLine();
9 *
10 *         if (isValidUserName(userName)) {
11 *             System.out.println("Valid username.");
12 *         } else {
13 *             System.out.println("Invalid username.");
14 *         }
15 *
16 *         scanner.close();
17 *     }
18 *
19 *     private static boolean isValidUserName(String userName) {
20 *         // Add your validation logic here
21 *         return userName.matches("^[a-zA-Z0-9_-]{3,16}$");
22 *     }
23 * }
24
```

```
java -cp /tmp/CJ70DUD70H/UserNameValidator
Enter your username: akash
Valid username.
```

```
=== Code Execution Successful ===
```



Main.java



Run

Output

```
1 public class StringToInteger {  
2     public static void main(String[] args) {  
3         String str = "1234";  
4         int num = Integer.parseInt(str);  
5         System.out.println("Output Integer: " + num);  
6     }  
7 }  
8
```

```
java -cp /tmp/qtu4JhVA8V/StringToInteger  
Output Integer: 1234  
  
=== Code Execution Successful ===
```





Online Java Compiler



Programiz PRO >



Main.java



Run

Output

Clear

```
1 * public class ReverseWord {
2 *     public static void main(String[] args) {
3         String input = "TEMPLE";
4         String reversed = "";
5
6 *     for (int i = input.length() - 1; i >= 0; i--) {
7         reversed += input.charAt(i);
8     }
9
10    System.out.println("Reverse String: " + reversed);
11 }
12 }
13
```

```
java -cp /tmp/5iIlveI3Wz/ReverseWord
Reverse String: ELPMET

=== Code Execution Successful ===
```

JS

GO

php

