

Main.java



Run

Output

Clear

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

```
java -cp /tmp/k3NcqE3CMp CharacterSearch
Enter the string: i am a programmer
Enter the character to be searched: p
p is found in string at index: 7
```

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```
7 System.out.print("Enter the character to be searched: ");
8 char searchChar = scanner.next().charAt(0);
9 int foundIndex = -1;
10 for (int i = 0; i < inputString.length(); i++) {
11     char currentChar = inputString.charAt(i);
12     if (currentChar == searchChar) {
13         foundIndex = i;
14         break;
15     }
16 }
17 if (foundIndex != -1) {
18     System.out.println(searchChar + " is found in
19         string at index: " + foundIndex);
20 } else {
21     System.out.println(searchChar + " is not found in
22         the string.");
23 }
24 scanner.close();
25 }
```

```
java -cp /tmp/k3NcqE3CMp CharacterSearch
Enter the string: i am a programmer
Enter the character to be searched: p
p is found in string at index: 7
```