


```
        case 5:
            System.out.print("5. Enter a substring to check in the first string:");
            String substring = scanner.nextLine();

            if (str1.contains(substring)) {
                System.out.println("5. Substring exists in the first string.");
            } else {
                System.out.println("5. Substring does not exist in the first string");
            }
            break;
        case 6:
            System.out.println("6. Is the first string empty? " + str1.isEmpty());
            System.out.println("6. Is the second string empty? " + str2.isEmpty());
            break;
        case 7:
            System.out.println("7. Exiting the program" );
            break;
        default:
            System.out.println("Invalid choice. Please try again.");
            return;
    }
}
}
```

```
Enter the first string:Hello World
Enter the second string:Java Programming
```

```
Choose a string operation:
```

- 1. Find Length
- 2. Convert to Uppercase
- 3. Convert to Lowercase
- 4. Concatenate Strings
- 5. Check if Substring Exists
- 6. Check if String is Empty
- 7. Exit

```
Enter your choice:1
```

- 1. Length of first string: 11
- 1. Length of second string: 16

```
Enter your choice:2
```

- 2. First string in uppercase:HELLO WORLD
- 2. Second string in uppercase:JAVA PROGRAMMING

```
Enter your choice:3
```

- 3. First string in lowercase:hello world
- 3. Second string in lowercase:java programming

```
Enter your choice:4
```

- 4. Concatenated string>Hello WorldJava Programming

```
Enter your choice:5
```

- 5. Enter a substring to check in the first string>Hello
- 5. Substring exists in the first string.

```
Enter your choice:6
```

- 6. Is the first string empty? false
- 6. Is the second string empty? false

```
Enter your choice:7
```

- 7. Exiting the program

```
Enter your choice:8
```

```
Invalid choice. Please try again.
```

```
BUILD SUCCESS
```
