



```

    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.

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BUILD SUCCESS  
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