

Lab-13:-

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Q

```
Public Interface Searching {  
    public String Search (String str, String str1);  
}
```

Class LambdaTest {

```
    public static void main (String[] args) {
```

```
        Scanner sc = new Scanner (System.in);  
        System.out.println ("Enter the string");
```

```
        String str = sc.nextLine();
```

```
        String str1 = sc.nextLine();
```

```
        String[] str2 = str.split (" ");
```

```
        SearchString se = (str, str1) -> {  
            if (str.contains (str1)) {  
                return str;
```

```
            }
```

```
            else return null;
```

```
        };
```

```
        SearchString se2 = (str, str1) -> {
```

```
            if (str.startsWith (str1)) {  
                return str;
```

```
            }
```

```
            else return null;
```

```
        };
```

```

system.out.println ("Searching for : " + str1);
system.out.println (" == contains == ");
for (String ch : str2) {
    if (sc.search (ch, str1) != null)
        system.out.println ("match : " + sc.search (ch, str1));
}

```

```

sort (" == equals == ")
for (String ch : str2) {
    if (sc2.search (ch, str1) != null)
        sort ("match : " + sc2.search (ch, str1));
}

```

```

}
sort (" == Ends with == ");
for (String ch : str2) {
    if (sc.search (ch, str1) != null)
        sort ("match : " + sc.search (ch, str1));
}

```

```

sort (" == More than 5 == ");
for (String ch : str2) {
    if (sc2.search (ch, str1) != null)
        sort ("match : " + sc2.search (ch, str1));
}

```

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```