

```
//String Functions
```

```
class Main {  
  
    public static void main(String[] args) {  
  
        String a = "cse class";  
  
        String b = "Cse class";  
  
        System.out.println("a : "+a);  
  
        System.out.println("b : "+b);  
  
        System.out.println("a hashCode "+a.hashCode());  
  
        System.out.println("b hashCode "+b.hashCode());  
  
        System.out.println("Equal : "+a.equals(b));  
  
        System.out.println("Equal Ignore case : "+a.equalsIgnoreCase(b));  
  
        System.out.println("Length : "+a.length());  
  
        System.out.println("CharAt : "+a.charAt(0));  
  
        System.out.println("Uppercase : "+a.toUpperCase());  
  
        System.out.println("Lowercase : "+a.toLowerCase());  
  
        System.out.println("Replace : "+a.replace("Cse","Ece"));  
  
        System.out.println("Contains : "+a.contains("Cse"));  
  
        System.out.println("Empty : "+a.isEmpty());  
  
        System.out.println("startsWith : "+a.startsWith("Cs"));  
  
        System.out.println("Substring : "+a.substring(4));  
  
        System.out.println("Substring : "+a.substring(0,5));  
  
    }  
  
}
```

Output:

Output:

a : cse class

b : Cse class

a hashCode: [Hash of a]

b hashCode: [Hash of b]

Equal : false

Equal Ignore case : true

Length : 9

CharAt : c

//String to Char Array:

```
class string_char_array {  
    public static void main(String[] args) {  
        String a = "Cse class";  
        char[] carry = a.toCharArray();  
        for(char c : carry){  
            System.out.println(c);  
        }  
    }  
}
```

Expected Output:

Output:

C

s

e

c

l

a

s

s

Uppercase : CSE CLASS

Lowercase : cse class

Replace : cse class

Contains : false

Empty : false

startsWith : false

Substring : class

Substring : cse c

//Trim and Length

```
class string_trim_example {
```

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

```
String a = " Cse ";
```

```
System.out.println("Length : "+a.length());
```

```
System.out.println("a Trim :"+a.trim());  
  
System.out.println("a Trim length :"+a.trim().length());  
  
}  
  
}
```

Output:

Length : 5

a Trim :Cse

a Trim length :3