Java Convert String to char

We can convert **String to char in java** using *charAt()* method of String class.
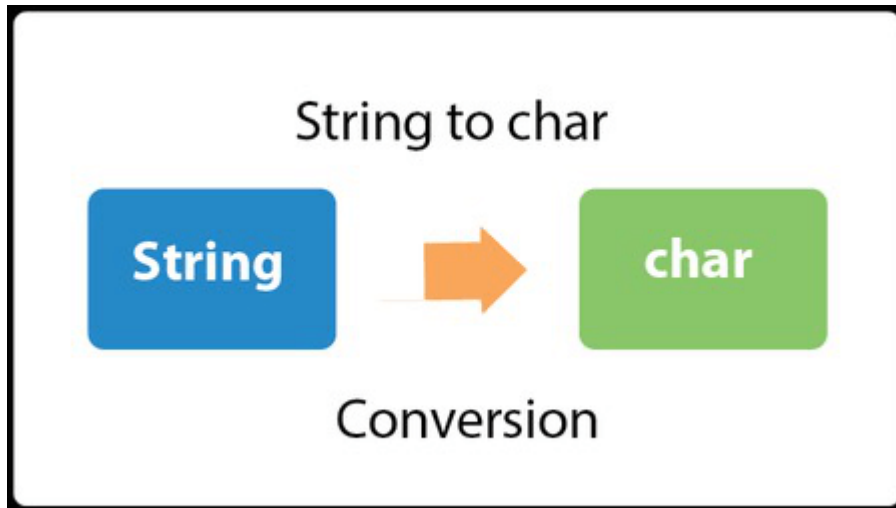
The charAt() method returns a single character only. To get all characters, you can use loop.

Signature

The charAt() method returns a single character of specified index. The **signature** of charAt() method is given below:

```
public char charAt(int index)
```

Java String to char Example: charAt() method

Let's see the simple code to convert String to char in java using charAt() method.

```
String s="hello";
char c=s.charAt(0);//returns h
```
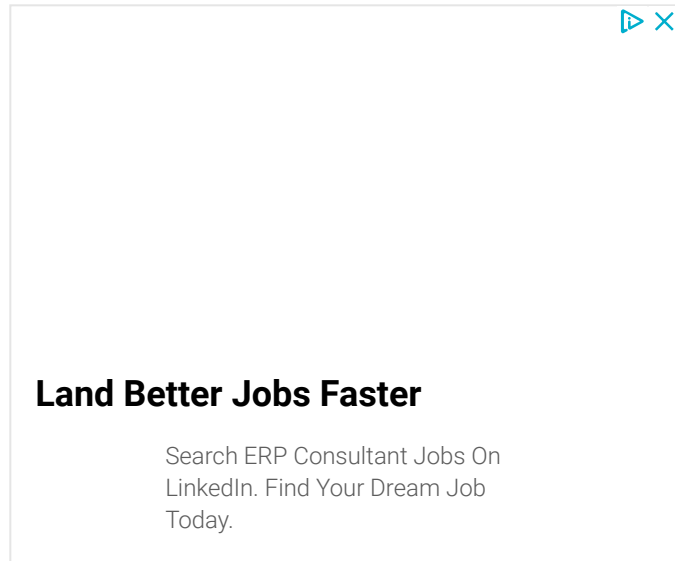
Let's see the simple example of converting String to char in java.

```
public class StringToCharExample1{
public static void main(String args[]){
String s="hello";
char c=s.charAt(0);//returns h
System.out.println("1st character is: "+c);
}}
```

Test it Now

Output:

```
1st character is: h
```

Let's see another example to convert all characters of a string into character.

```java
public class StringToCharExample2{
public static void main(String args[]){
String s="hello";
for(int i=0; i<s.length();i++){
    char c = s.charAt(i);
    System.out.println("char at "+i+" index is: "+c);
}
}}
```

Test it Now

Output:

```
char at 0 index is: h
char at 1 index is: e
char at 2 index is: l
```

```
char at 3 index is: l
char at 4 index is: o
```

Java String to char Example: toCharArray() method

Let's see the simple code to convert String to char in java using toCharArray() method. The toCharArray() method of String class converts this string into character array.

```java
public class StringToCharExample3{
public static void main(String args[]){
String s1="hello";
char[] ch=s1.toCharArray();
for(int i=0;i<ch.length;i++){
System.out.println("char at "+i+" index is: "+ch[i]);
}
}}
```

Test it Now

Output:

```
char at 0 index is: h
char at 1 index is: e
char at 2 index is: l
char at 3 index is: l
char at 4 index is: o
```

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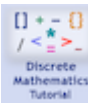
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