



TECHPROED

PROFESSIONAL TECHNOLOGY EDUCATION

WELCOME TO TECHPROED JAVA TUTORIAL

Testi baslatmak icin asagidaki adimlari takip ediniz

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Room Name: *ALPTEKIN3523*

Kayıtta kullandığınız ismi tam olarak yazınız

Time: 11 Minutes

Review Questions

- 1)** Ask user to enter a word which has 4 letters and output will be inverse of the word.
For example; if user enters “MARK” output will be “KRAM”

- 2)** Ask user to enter a String and output will be the number of the characters in the String.

- 3)** Ask user to enter password, if the password is okay for the following conditions output will be
“Your password is created successfully.” If the password is not okay for any of the following conditions
Output will be “Enter a new password according to the give conditions”
 - 1.**First letter must be uppercase
 - 2.**Last letter must be lowercase
 - 3.**Password must contain 6 characters

Review Questions

- 1)** Ask user to enter an integer, if it is less than 10, calculate its square and print it on the console.
If it is greater than 10 multiply it by 2 and print it on the console. Otherwise keep the number same and print it on the console.

- 2)** Ask user to enter his kid's name, if the name contains "a" output will be "This name contains 'a'."
if the name contains "z" output will be "This name contains 'z'." Otherwise, output will be "This name contains neither 'a' nor 'z'."

- 3)** Ask user to enter a letter, if it is uppercase check it is before "F" or not in alphabetical order.
If it is before "F" in alphabetical order output will be " Big before F", otherwise output will be "Big after F." If it is lowercase check it is before "h" or not in alphabetical order.
If it is before "h" in alphabetical order output will be "Small before h", otherwise "Small after h"

Aşağıdaki kodların ekran çıktısı alınırsa ne olur diye önce düşünün sonra kodları yazarak ekran çıktılarına bakın.

```
String str = "Cat, caterpillar"
```

```
System.out.println(str.indexOf("c"));  
System.out.println(str.indexOf("cat"));  
System.out.println(str.indexOf("s"));  
System.out.println(str.indexOf("CAT"));  
System.out.println(str.indexOf("ter"));  
System.out.println(str.indexOf("pars"));
```

```
System.out.println(str.indexOf("a" , 3 ));  
System.out.println(str.indexOf("at", 2));  
System.out.println(str.indexOf("at", 8));
```

Aşağıdaki kodların ekran çıktısı alınırsa ne olur diye önce düşünün sonra kodları yazarak ekran çıktılarına bakın.

```
String str = "Cat, caterpillar"
```

```
System.out.println(str.lastIndexOf("a"));  
System.out.println(str.lastIndexOf("at"));  
System.out.println(str.lastIndexOf("s"));  
System.out.println(str.lastIndexOf("CAT"));  
System.out.println(str.lastIndexOf("pars"));
```

```
System.out.println(str.lastIndexOf("a" , 3 ));  
System.out.println(str.lastIndexOf("a" , 5 ));  
System.out.println(str.lastIndexOf("at", 2));  
System.out.println(str.lastIndexOf("at", 7));
```

```
String str1 = "";  
System.out.println(str1.isEmpty());  
String str2 = " ";  
System.out.println(str2.isEmpty());  
String str3 = "Almanya";  
System.out.println(str3.isEmpty());
```