

Practice Java String Manipulations





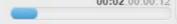


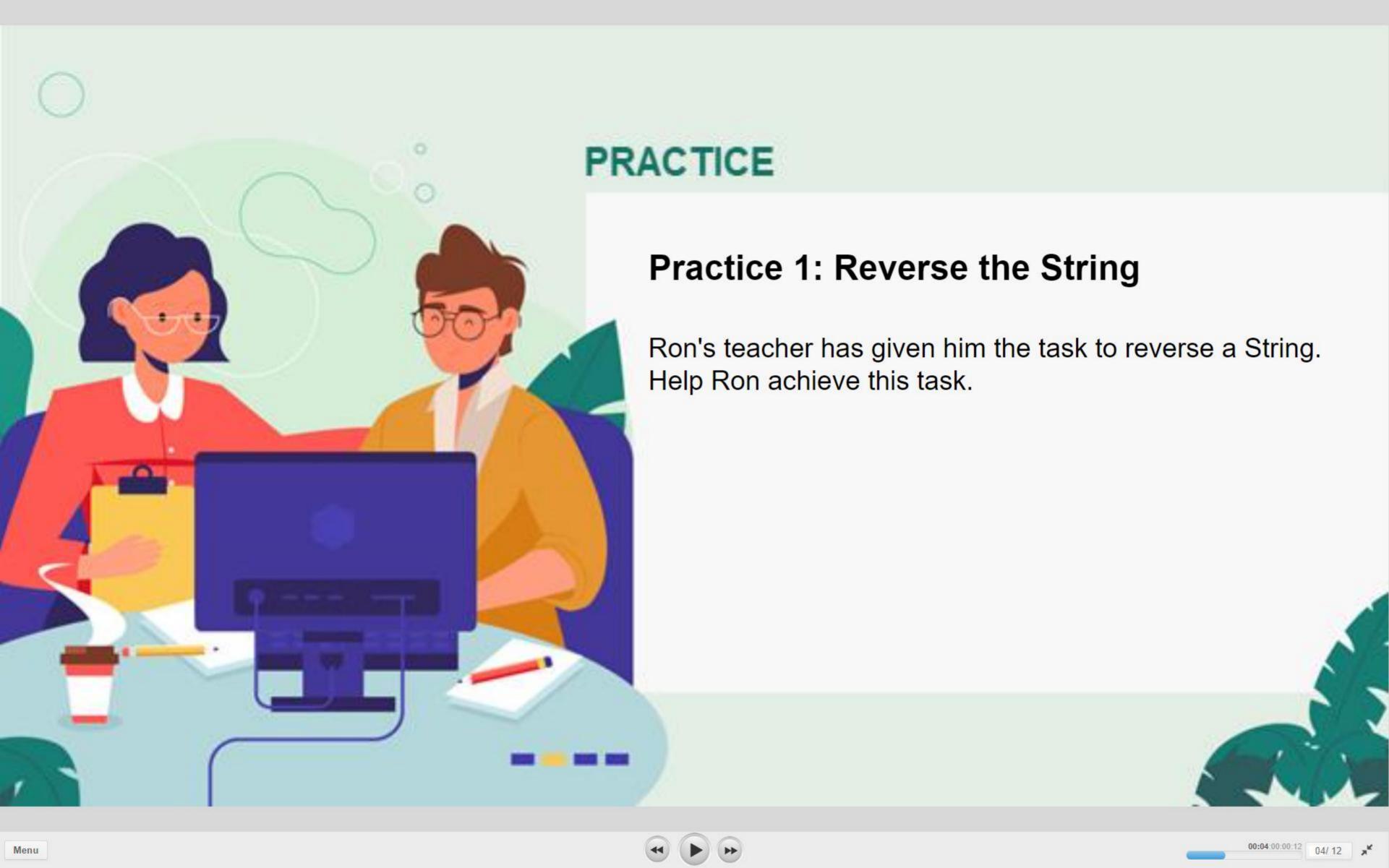
Exercises

- Practice 1: Reverse String
- Practice 2: Shortest Word









Practice 1: Tasks

- Write all the logic for the program inside the ReverseStringDemo class provided.
 - Write the logic to reverse the String inside the below method and return the reverse String.

```
public String getReverseString(String string)
```

- Inside the main method:
 - Create a String object.
 - Create an object of the class ReverseStringDemo

```
ReverseStringDemo reverseStringDemo = new ReverseStringDemo();
```

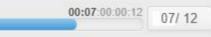
Call the method getReverseString() and store the value returned in a String variable.





Input and Output

- Sample Input -
 - String str = "Programming";
- Sample Output -
 - Reverse String is : gnimmargorP;





PRACTICE

Practice 2: Shortest Word

John and Steve play a game where John has to identify the shortest String in an array of Strings provided by Steve. Help John achieve this task using Strings.







Practice 2: Tasks

- Write all the logic for the program inside the ShortestWord class provided.
 - Write the logic to find the shortest word in the list of Strings from the given array inside the below method and return the shortest word.

```
public String findShortestWord(String[] words)
```

- In the main method
 - Declare and initialize a String array named words.

```
String [] words = {"Java", "Python","Programming"};
```

Create an object of the class ShortestWord class.

```
ShortestWord shortestWord = new ShortestWord();
```

Call the method findShortestWord and store the value returned in a String variable.





Input and Output

- Sample Input
 - String words[] = {"Java", "Programming", "Language"};
- Sample Output
 - The Shortest word is **Java**

