

Core Java Assignment - 002 - Methods

Q. Write a Java method to find the smallest number among three numbers.

Test Data:

Input the first number: 25

Input the Second number: 37

Input the third number: 29

Expected Output:

The smallest value is 25.0

Q. Write a Java method to compute the average of three numbers.

Test Data:

Input the first number: 25

Input the second number: 45

Input the third number: 65

Expected Output:

The average value is 45.0

Q. Write a Java method to display the middle character of a string.

Note:

a) If the length of the string is odd there will be two middle characters.

b) If the length of the string is even there will be one middle character.

Test Data:

Input a string: 350

Expected Output:

The middle character in the string: 5

Q. Write a Java method to count all vowels in a string.

Test Data:

Input the string: w3resource



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Expected Output:

Number of Vowels in the string: 4

Q. Write a Java method to count all words in a string.

Test Data:

Input the string: The quick brown fox jumps over the lazy dog.

Expected Output:

Number of words in the string: 9

Q. Write a Java method to compute the sum of the digits in an integer.

Test Data:

Input an integer: 25

Expected Output:

The sum is 7

Q. Write a Java method to check whether a string is a valid password.

Password rules:

A password must have at least ten characters.

A password consists of only letters and digits.

A password must contain at least two digits.

Expected Output:

1. A password must have at least eight characters.

2. A password consists of only letters and digits.

3. A password must contain at least two digits

Input a password (You are agreeing to the above Terms and Conditions.): abcd1234

Password is valid: abcd1234

Click me to see the solution



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