

Worksheet

Name:
Roll No: Class: Section:
Date:

STRING HANDLING

Chapter-16

1. Give the solution to the programs.

- Write a program to count the number of non-blank characters in a given sentence.
- Write a program to input a sentence and count the number of 'A' or 'a' in it.
- Write a program to input a sentence and count the number of vowels in it.
- Write a method to accept a name as a parameter and print its initials.

2. Fill in the blanks.

- The method is used to join two strings.
 - The output of the following statement, when executed:
`System.out.println("COMPUTER".charAt(4));` is
 - The output of the statement, when executed:
`System.out.println("Object Oriented".length());` is
 - operator is used to concatenate two strings.
 - String declaration is terminated by the symbol
 - Character literal is enclosed within single quotes
 - The return type of the statement `equals()` is
 - The output of `"VIDYALAYA".substring(2,5)` will result in
- `}`
 (d) `int m[] = {2,4,6,8};`
`System.out.println(m[1] + "" + m[2]);`

3. Tick (✓) the correct option.

- | | | |
|----------------------------------------------------------------|--------------------------|----------------------------------------------------------|
| (a) String str=new String("India"); | | |
| (i) Explicit String Declaration | <input type="checkbox"/> | (ii) Explicit String Conversion <input type="checkbox"/> |
| (iii) Implicit String Declaration | <input type="checkbox"/> | (iv) Implicit String Conversion <input type="checkbox"/> |
| (b) In the memory the index value of String object starts from | | |
| (i) 0 to length()-1 | <input type="checkbox"/> | (ii) 1 to length()-1 <input type="checkbox"/> |
| (iii) 1 to length() | <input type="checkbox"/> | (iv) 0 to length() <input type="checkbox"/> |
| (c) What is the return type of replace (char, char) | | |
| (i) String | <input type="checkbox"/> | (ii) Char <input type="checkbox"/> |
| (iii) Codes | <input type="checkbox"/> | (iv) None of the above <input type="checkbox"/> |
| (d) What is the return type of is Letter or Digit (char) | | |
| (i) boolean | <input type="checkbox"/> | (ii) char <input type="checkbox"/> |
| (iii) int | <input type="checkbox"/> | (iv) letter or digit <input type="checkbox"/> |