ASHOK IT
Learn Here.. Lead Anywhere..!!

Chapter-Wise Core Java Interview Questions

Multiple Choice Questions on Arrays and Strings:

1. **Which of the following methods can be used to find the length of an array in Java?**
   A) array.size()
   B) array.length()
   C) array.length
   D) array.getSize()

2. **What is the default value of an element in an array of integers in Java?**
   A) 0
   B) null
   C) undefined
   D) NaN

3. **Which of the following is the correct way to declare and initialize a 2D array in Java?**
   A) int[][] arr = new int[3][4];
   B) int arr = new int[3, 4];
   C) int[] arr = new int[3][4];
   D) int arr[][] = { {1, 2}, {3, 4} };

4. What will be the output of the following code?

```
String str = "Hello";

System.out.println(str.charAt(2));
```

A) H
B) e
C) l
D) o

5. What is the time complexity of accessing an element in an array in Java?
A) O(n)
B) O(log n)
C) O(1)
D) O(n^2)

6. Which method is used to compare two strings in Java to check if they are equal?
A) compareTo()
B) == operator
C) equals()
D) equalsIgnoreCase()

7. What is the result of the following code?

```
String str = "Java";

str = str.concat(" Programming");

System.out.println(str);
```

A) Java Programming
B) Java
C) JavaProgramming
D) Compile-time error

8. Which of the following statements correctly initializes a string array in Java?
A) String[] arr = {"Java", "Python", "C++"};
B) String arr[] = "Java", "Python", "C++";
C) String arr = new String[3] {"Java", "Python", "C++"};
D) String[] arr = new String[3];

9. How do you find the index of the first occurrence of a substring in a string in Java?
A) indexOf()
B) findIndex()
C) firstIndex()
D) substringIndex()

10. Which of the following is the correct way to convert a string to an integer in Java?
A) Integer.parseInt(string)
B) Integer.toInt(string)
C) parseInt(string)
D) string.toInt()

Coding Questions on Arrays and Strings:

1. **Write a java program to print second min and second max elements in array**
2. **Write a java program to find missing numbers in an array**
3. **Write a java program to check first string present in second string**
4. **Write a java program to find first non-repeated character in given String**