

Assignment

1. what is the default value of array for different data types

Ans – byte -0

Int – 0

String- null

Short -0

Float – 0.0f

Double – 0.0d

Char – ‘\u0000’

Boolean - false

2. can you pass the negative number in array size

Ans - Array dimensions cannot have a negative size

3. where does array store in jvm memory

Ans - stored in heap area.

4 . what are disadvantages of arrays

Ans - The size of the array cannot be increased or decreased once it is declared—arrays have a fixed size.

Java cannot store heterogeneous data. It can only store a single type of primitives.

5. what is the anonymous array in java give an example

Ans- An array in Java without any name is known as an anonymous array.

E.g. :

```
package com.w3spoint;
```

```
public class Test {
```

```
    public static void main (String args[]){
```

```
        System.out.println(new int[]{11, 22, 13, 14, 51}.length);
```

```
        System.out.println(new int[]{21, 64, 65}[2]);
```

```
    }
```

```
}
```

6. what are the different ways to traverse an array

Ans - You can traverse through an array using for loop or forEach loop.

7. what is the difference between length and length () method give an examples

Ans-

length	Length ()
An array is an object that holds a fixed number of values of the same type.	The length () method is a static method of String class.
It is variable	It is method
Work on array	Work on string
E.g. - Length of an array is: 7	E.g.- Length of String using length () method is: 26