1. What is the default value of Array for different data types?

Ans:-

|  |  |
| --- | --- |
| Int, byte, short, long | 0 |
| Char | ‘\0000’ |
| Float | 0.0f |
| Double | 0.0d |
| String(or any object) | Null |
| Boolean | false |

2. can you pass the negative number in Array size.

Ans:- No, we cannot pass negative number as Array size we get compile error and exception of NegativeArraySizeException .

3. Where does Array stored in JVM memory.

Ans:- Array is an object in java and object stores in Heap Memory in JVM.

4. What are the disadvantages of Array in java.

Ans:- 1. size is fixed

2. problem in expansion

3. memory wastage if all array elements are not used.

4. limitation of type data

5. require large number of scan position.

4. What is an Anonymous Array in java? Give an example.

Ans:- An array without a name is called Anonymous Array. This type of Array is created just for instance use.(means one time).

For Example:

new int[] {1,2,3,4,5};

new String[] {“hello”,”world”};

5. What are the different ways to transverse an Array in Java?

Ans:- 1. for loop

2. for each(for enhanced loop)

6. What is the difference between length and length() method Give an example?

Ans:-

length is a property of Array type class. Array is an object store homogeneous elements in contiguous location. length is use with Array to check the number of elements store in Array object. Length returns int value.

For eg:-

Int[] numArray = new int[]{1,2,3,4,5,6};

System.out.println(numArray.length);

length() method is property of String type class. It is a method of String Class. String variable store a sequence of characters and length gives integer value means number of characters stored.

For eg:- String[] str1 = new String(“hello world”);

System.out.println(str1.length);