**Array In Java – 2**

**Q1. What is the default value of array of different data type?**

**Ans**. If no values are passed during initialization, all elements of the array are set to their default value of 0.

**Q2. Can you pass the negative number in array size?**

**Ans.** No.

**Q3. Where does array stored in JVM memory?**

**Ans**. Heap area.

**Q4. What are the disadvantages of array?**

**Ans.** The disadvantages of array are:-

* Once we create the size we cannot increased or decreased it.
* It stores only homogeneous data only.

**Q5. What is an Anonymous array in java? Give one example?**

**Ans.** An array without name is called Anonymous array, this type of array is just created for instance use.

Example :- package Oops;  
  
public class array {  
  
public static void main(String[] args) {  
 //anonymous array;  
 *sum*(new int[]{ 1, 2, 3 });  
}  
  
 public static void sum(int[] a)  
 {  
 int total = 0;  
  
 // using for-each loop  
 for (int i : a)  
 total = total + i;  
  
 System.*out*.println("The sum is: " + total);  
 }  
}

**Q6. What are the different ways to transverse an array in java ?**

**Ans.** The ways to transverse an array in java are:-

* By using for loop
* By using enhance for loop
* By using length property

**Q7. What is the difference between length and length() method n java ? Give an example?**

**Ans.** When we are talking about length means we are considering length as array property and when we talking about length() method then we are considering length as method which are present in String class.

package Oops;  
  
public class array {  
  
public static void main(String[] args) {  
 int [] marks = {45,46,47,48,49,50};  
 String name = "Ayush Shrivastav";  
 // here using length as a property of array;  
 System.*out*.println("The length of array:- " + marks.length);  
 // here using length as a method of string class;  
 System.*out*.println("The length of String class:- " + name.length());  
 }  
}

output:-

