

1) What is the default value of an array for different data types?

Ans: 0

2) Can you pass negative numbers in an array size?

Ans: No, you cannot pass negative numbers in an array size.

3) Where does Array stored in JVM memory?

Ans: In the Heap area array stored in JVM memory.

4) What are the disadvantages of array?

Ans: once we create the size cannot be increased or decreased and
It stores only homogeneous data elements.

5) What is an Anonymous array in java? Give an example?

Ans: An array without a name is called, Anonymous Array and

This type of array is called, just for instance use

Example program :

```
public class Demo
{
    public static void main(String... args)
    {
        add(new int[]{10,20,30,40});
        add(new int[]{10,20});
        add(new int[]{});
    }
    public static void add(int[] a)
    {
        sum+=0;
        for(int i=0;i<=a.length;i++)
        {
            sum+=a[i];
        }
        System.out.println("The sum is ::"+sum);
    }
}
```

6) What are the different ways to traverse an array in java?

Ans: we 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 ->It is a property of the Array type class.

length() -> It is a method of String class.