Q1. What is the default value of Array for different data types?

Ans. For number it will be 0 and for cherecter it would be null.

Q2. Can you pass the negative number in Array size?

Ans:- Yes.

Q3. Where does Array stored in JVM memory ?

Ans. Array is store in heap memory but address will add in stack.

Q4. What is Disadvantage of array ?

Ans. We can store a single type of data type in array,

Once it create the size it can not be increase and decrease.

Q5. What is an Anonymous Array in Java ? Give an example?

Ans. This is a type of array which is create without name and this can be create for single time only in a single program called anonymous array.

Example:-

```java
class Calc {
    public int add(int sum[])
    {
        int result = 0;

        for (int i : sum) {
        result = result+i;

        }
        return result;
    }

}
public class addingArray {
public static void main(String[] args) {
    Calc x = new Calc();

    int num[]= {5,4,3,2,1,0,10};
    int y =x.add(num);;
    System.out.println(y);

}

}
```

Q6. What are the different ways to traverse an Array in java?

Ans. We can traverse array with index value.

Q7. What is the difference between length and length() method Give an Examples?

Ans. Length is a property of the array type class but length() is a method which is in string class.

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

```java
        String name= "Vivek";
        System.out.println(name.length());
        }
}

public class array{
    public static void main(String[] args){

    int nums[][]={
                {3,9,7,5},
                {1,5,6,5},
                {8,4,5,6}
                };
    System.out.println(nums[0].length);
    }
}
```