**Assignment 8**

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

In int datatype default value is 0 and for Strings it is null.

1. **Can you pass the negative number in Array size?**

No, Array size cannot be Array.

1. **Where does Array stored in JVM memory?**

Array is stored in the heap area.

1. **What are the disadvantages of Array?**

* Once we create size then it cannot be increased or decreased
* It stores homogeneous type of data

1. **What is an Anonymous Array in Java? Give an Example?**

Array that does not have a name is known as Anonymous Array.

Example:

public class calc

{

public static int add(int nums[])

{

int result=0;

for(int n: nums)

{

result=result+n;

}

return result;

}

public static void main(String[] args)

{

int sum=calc.add(new int[]{3,6,6,2,8,5});

System.out.println(sum);

}

}

1. **What are the different ways to traverse an Array?**

* Using for loop
* Using enhanced for loop

1. **What is the difference between length and length() method?**

length: It is a property of Array type class

length(): It is a method of string class