1. Default value of array for different data types are Boolean-false,int-0,double-0.0,String-null etc.
2. No,I can’t pass the negative number in Array size.
3. Array stored in heap area in JVM memory.
4. We can’t extend the size of array once created and it only stores homogeneous data elements .
5. An array without a name is called anonymous array.It is created for instance use.

Example:

class Mult{

    public int multiplication(int a[]){

        int result=1;

        for(int i:a)

        result\*=i;

        return result;

    }

}

public class anonmous\_array {

    public static void main(String[] args) {

        Mult m=new Mult();

        int result=m.multiplication(new int[]{2,3,4});//anonymous array

        System.out.println("multplication is : "+result);

    }

}

Output

PS D:\JAVA\PROGRAMS> cd "d:\JAVA\PROGRAMS\" ; if ($?) { javac anonmous\_array.java } ; if ($?) { java anonmous\_array }

multplication is : 24

6)ans:-

There are two ways for traversing an array in java. They are using for-loop and using enhanced for-loop.

Example :-

Int a[]={2,3,4,5,6};

for(int i=0;i<a.length;i++) //Using for-loop

System.out.println(a[i]);

for(int z:a)

System.out.println(a[i]); //Using enhanced for-loop

7)ans:-

Length used to return the size of the array .But, length() used to return the length of a string.

Example:-

public class Length\_vs\_Len {

    public static void main(String[] args) {

        int a[]={23,21,5,34,68};

        String s="Ashutosh";

        System.out.println(a.length); //returns length of array a

        System.out.println(s.length()); //returns length of string s

    }

Output:-

PS D:\JAVA\PROGRAMS> cd "d:\JAVA\PROGRAMS\" ; if ($?) { javac Length\_vs\_Len.java } ; if ($?) { java Length\_vs\_Len }

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