2 Feb 2023 Arrays in Java Assignment

Que.1. What is the default value of Array for different data type?
Ans.   The default value of Array for different data type is ,
int =   0,   double = 0.0,String = null, User-defined type =
null.

Que.2. Can you pass the negative number in Array size?
Ans.   No, we cannot pass negative number in Array size. The size
of an array representsthe number of element in it . Negative numbers
are not allowed as array indexes.

Que.3. Where does Array stored in JVM memory?
Ans.   The reference type in java are stored in heap area. Since array
reference types theseare also stored in heap area.

Que.4. What are the disadvantages of an array?
Ans. (i) Array have fixed size.
       (ii) Array can store only similar data type variable.

Que.5. What is an Anonymous array in java ? Give an example?
Ans.   An array in Java without any name is known as an anonymous
array. It is an array just for creating and using instantly. Using an
anonymous array, we can pass an array with user values without the
referenced variable.
Ex. `new int[] { 1, 2, 3, 4};`

Que.6. What are the different way to traverse an array in java?
Ans.   You can traverse through an array using for loop or enhanced for
loop.

Que.7. What is the difference between length and length() method give
an examples?
Ans. The difference between length and length() method is that the
java length variable describes the size of an array , While java
length() method tells you how many characters a text String
contains.