

Which of the following is a/are valid method signatures(s).

- ✓ ☒ `int findProduct(int value,int ... num)`
- ☐ `int findProduct(int ... num1,float ... num2, int value)`
- ☐ `int findProduct(int value,int ... num1,float ... num2)`
- ☐ `int findProduct(int ... num,int value)`

Declare an array as - `int numlist[]=new int[10]`. Which of the following statements will get executed without any errors/exception?

- ✓ ☒ `numlist[1]=10;`
- ☐ `numlist[11]=100;`
- ☐ `numlist[10]=100;`
- ✓ ☒ `numlist[0]=10;`

Assume an array `price` of size 20. Which of the following can be used to access the 5th position element?

- ☐ `price[6]`
- ☐ `price`
- ✓ ☒ `price[4]`
- ☐ `price[5]`

Identify the valid array initialization(s).

- ☐ `int [] arr = new arr[10];`
- ✓ ☒ `int [] arr = new int[10];`
- ☐ `int arr[10];`
- ✓ ☒ `int arr[] = new int[10];`

Which of the following can be used if the number of arguments passed to a method are of same data type, but the number of arguments is unknown?

- ☐ None of these options
- ✓ ☒ `Varargs`
- ☐ `Array`
- ☐ Both array and varargs

Which property gives the number of elements in an array?

- ✓ ☒ length
- ☐ count
- ☐ size
- ☐ len

To apply `binarySearch` method to an array, it needs to be a sorted array. If not sorted, then it will result in _____.

- ✓ ☒ Unpredictable output
- ☐ Compilation Error
- ☐ Sort the array and produce the result