

Question 1:

Declare an array that stores the following set of integers: {1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

Then write a program that reverse the order of elements in the array to become:

{10, 9, 8, 7, 6, 5, 4, 3, 2, 1}

Sample run:

```
Original Array:
1 2 3 4 5 6 7 8 9 10
Reversed Array:
10 9 8 7 6 5 4 3 2 1
```

Question 2:

Write the function GetMax which has the following header

```
public static int GetMax (int A [])
```

It takes the array A[] as an inputs and returns the maximum element of the array.

Question 3:

Declare an array that stores the following set of integers: {9, 1, 2, 5, 3, 2}

Then write a program that sort the array's elements in ascending order.

After sorting the array will become: {1, 2, 2, 3, 5, 9}

Sample run:

```
Original array:
9 1 2 5 3 2
After sorting in ascending order:
1 2 2 3 5 9
```

Question 4:

Declare 2 arrays of type string: ex: array1{ "Ahmad", "Adam" }and array2 { "Mick", "Ali" }

Then Write a program that merge these 2 arrays to produce a one big array that contains all the members of array1 and array2.

Ex:

```
array3{"Ahmad", "Adam", "Mick", "Ali!"}
```

Sample run:

```
Ahmad Adam Mick Ali!
```