# Quiz 7

**Due** Nov 9 at 4:50pm **Points** 20 **Questions** 9

Available Nov 9 at 3pm - Nov 9 at 4:50pm about 2 hours Time Limit 15 Minutes

# **Instructions**

Please answer the following questions. There is a 15 minute time limit. This quiz covers Chapter 7

## **Attempt History**

LATEST Attempt 1 9 minutes 20 out of 20		Attempt	Time	Score
	LATEST	Attempt 1	9 minutes	20 out of 20

Score for this quiz: **20** out of 20 Submitted Nov 9 at 3:51pm This attempt took 9 minutes.

Question 1	2 / 2 pts
What value is printed?	
int array[] = {2, 4, 6, 8, 10}; printf("%d\n", array[3]);	
O 4	
O 6	
O 10	
<ul><li>8</li></ul>	

Correct!

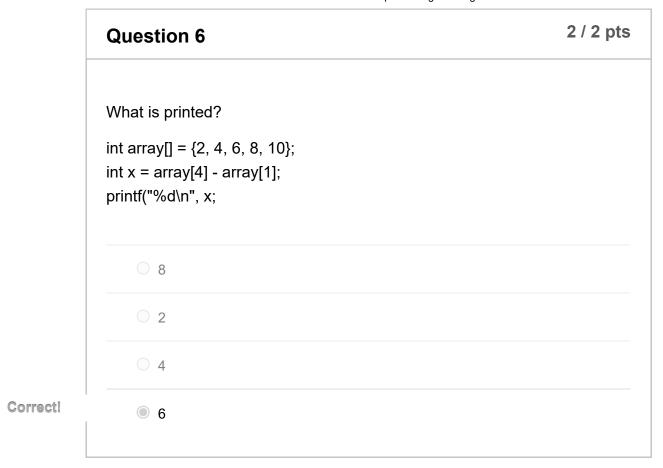
	Question 2	2 / 2 pts
	When passing an array of 10 elements of an array called data to a function, the formal parameter declaration looks like:	
Correct!	<ul><li>all of these</li></ul>	
	○ *data	
	O data[]	
	O data[10]	

	Question 3	2 / 2 pts
	How many numbers can be stored in the array declared below?  double arr[10][5][6];	
	O 21	
	O 90	
Correct!	◎ 300	
	O 180	

Question 4	2 / 2 pts

	For this question assume the following environment.  #define MAX 50 int a[MAX], i, j, temp;  What is the minimum valid subscript value for array a?
Correct!	<ul><li>0</li></ul>
	O 1
	any negative number
	there is no minimum

For this question assume the following environment.  #define MAX 50	
int a[MAX], i, j, temp; What is the maximum valid subscript value for array a?	
○ a[50]	
O 50	
O 0	
49	
	#define MAX 50 int a[MAX], i, j, temp;  What is the maximum valid subscript value for array a?  a[50]  50  0



	Question 7 2 / 2 pts	>
	When a C program passes an array as a function argument,	
	the value of the initial element of the array is actually passed.	_
	the addresses of the initial and final elements of the array are copied into the function's data area.	
Correct!	the address of the initial element of the array is actually passed.	_
	the entire array is copied into the function's data area.	

**Question 8** 

3 / 3 pts

For this question assume the following environment.

```
#define MAX 50 int a[MAX], i, j, temp;
```

What is the effect of this program segment?

```
for (i = 0; i < MAX / 2; ++i) {
    temp = a[i];
    a[i] = a[MAX - i - 1];
    a[MAX - i - 1] = temp;
}
```

- Ocunts the number of elements of a greater than its first element.
- Arranges the elements of array a in ascending order.

#### Correct!

- Reverses the numbers stored in the array.
- Puts the largest value in the last array position.

### Question 9

3 / 3 pts

For this question assume the following environment.

```
#define MAX 50 int a[MAX], i, j, temp;
```

What is the effect of the following program segment?

```
for (i = 0; i < MAX - 1; ++i)

if (a[i] > a[i + 1]) {

temp = a[i];

a[i] = a[i + 1];

a[i + 1] = temp;
}
```

	· · · · · · ·
	Arranges the elements of array a in ascending order.
Correct!	Puts the largest value in the last array position.
	Reverses the numbers stored in the array.
	Counts the number of elements of a greater than its first element.

Quiz Score: 20 out of 20