

Arrays

Total points 17/18 ?

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0 of 0 points

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Array Questions section 1

7 of 8 points

✓ *What is the output ? **

1/1

```
#include<stdio.h>
void main(){
    int xxx[10]={5};
    printf("%d %d",xxx[1],xxx[9]);
}
```



○ 5 5

- ☐ No output
- ☐ Compiler error
- ☒ 0 0



✓ Assume int is 2 byte , what is the output ? *

1/1

```
#include<stdio.h>
void main(){
    int arr[][3]={1,2},{3,4,5},{5}};
    printf("%d %d %d",sizeof(arr),arr[0][2],arr[1][2]);
}
```

- ☐ 36 0 5
- ☐ 16 2 4
- ☒ 18 0 5
- ☐ None of the above



✓ What will be the output ? *

2/2

2. What will be the output of the program ?

```
#include<stdio.h>
void main()
{
    int a[5] = {5, 1, 15, 20, 25};
    int i, j, m;
    i = ++a[1];
    j = a[1]++;
    m = a[i++];
    printf("%d, %d, %d", i, j, m);
}
```

- ☒ 3,2,15



- ~
- ☐ 2,3,20
 - ☐ 2,1,15
 - ☐ 1,2,5

✓ **What is the output? ***

1/1

```
int main() {  
    int x=4;  
    if(x==2)  
    {  
        printf("Rezk");  
    }  
    else  
    {  
        printf("Mariam");  
    }  
    return 0;  
}
```

- ☒ Rezk
- ☐ Mariam
- ☐ No output



✓ **Assume we defined an array as : arr[20] instead of int arr[20] what will happen?**

*1/1

- ☐ it will compile without problems
- ☐ warning
- ☒ compilation error
- ☐ linking error



✗ **What will happen if in c program you assign a value to an array element whose subscript exceeds the size of the array ?** *0/1

- ☐ The element will be set at index 0
- ☒ compiler error
- ☐ the array size would appropriately grow
- ☐ the program may crash if some important data gets overwrite

✗

Correct answer

- ☒ the program may crash if some important data gets overwrite

✓ **An Array elements are always stored in ----- memory location . *** 1/1

- ☒ sequential
- ☐ random
- ☐ sequential and random
- ☐ none of the above

✓



✓ *What is the maximum number of dimensions an array in C may have? ** 1/1

- ☐ Two
- ☐ sixteen
- ☐ three
- ☒ Theoretically no limit. The only practical limits are memory size and compilers ✓

✓ *What is the right way to initialize array ? ** 1/1

1. What is right way to Initialize array?

- A. ☐ `int num[6] = { 2, 4, 12, 5, 45, 5 };`
- B. ☐ `int n{} = { 2, 4, 12, 5, 45, 5 };`
- C. ☐ `int n{6} = { 2, 4, 12 };`
- D. ☐ `int n(6) = { 2, 4, 12, 5, 45, 5 };`

☒ A

☐ B

☐ C



- ☐ C
- ☐ D
- ☐ All of them

✓ **Array can be considered as set of elements stored in consecutive memory locations but having**

*1/1

- ☒ A. Same data type
- ☐ B. Different data type
- ☐ C. Same scope
- ☐ D. None of these



✓ **What is the index number of the last element of an array with 29 elements?**

*1/1

- ☐ 29
- ☐ 30
- ☒ 28



✓ **in c , if you pass an array to function , what actually you pass ? ***

1/1

- ☐ Value of elements of the array
- ☐ first element
- ☐ Address of the last element
- ☒ Base address of the array



✓ **What will be printed ? ***

1/1

11) What will be printed after execution of the following code?

```
void main()
{
    int arr[10] = {1,2,3,4,5};
    printf("%d", arr[5]);
}
```

- ☐ A Garbage Value
- ☐ B 5
- ☐ C 6
- ☒ D 0

- ☐ A
- ☐ B
- ☐ C
- ☒ D



✓ **What is the meaning of the following declaration `int arr[20];` ***

1/1

- ☐ an array of size 20
- ☒ integer array of size 20
- ☐ None of these



None of these

week 1,2,3 revision

3 of 3 points

✓ Names of functions in 2 different files linked together must be unique . * 1/1

☒ True



☐ False

✓ How many time the program will print " Mohsen" ? * 1/1

```
int main()
{
    printf("Mohsen");
    main() ;
    return 0 ;
}
choose the correctest one
```

☐ 1 time

☐ 65535 time

☐ 32325 time

☐ infinite number

☒ Till stack overflow



Quilgo Test ID *

This question is filled automatically 🖱 DO NOT EDIT OR REMOVE



⬇ Skip this question ⬇

DO NOT REMOVE OR EDIT! ### JANGAN HAPUS ATAU EDIT! ### ;NO QUITAR NI EDITAR!
hataen ya sampaadit na karen! ### @#@#@6dkGSeuWZVP1RJuW

✓ *if i =5 what is the result of the following ? **

1/1

if(--i >=4)

printf("Hello");

printf("End");

- ☐ Hello
- ☐ End
- ☒ Hello End



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