



Welcome!

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## My Assessment

← 17 Mar 2024 - CCC SRM AP -  
Stream AN

Quiz · 15  
mins

1. #include <stdio.h>

```
int main() {  
    int arr[5];  
    printf("%d", sizeof(arr++));  
    return 0;  
}
```

What will be the output of this program?

- ☐ 1
- ☐ 2
- ☐ 4
- ☐ Compiler Error



2. #include <stdio.h>

```
int main() {  
    int arr[] = {1, 2, 3, 4, 5};  
    printf("%p", arr + 3);  
    return 0;  
}
```

What will be printed by this program?

- ☐ Address of arr[3]
- ☐ Address of arr[0]
- ☐ Address of arr[4]
- ☐ Address of arr

3. #include <stdio.h>

```
int main() {  
    int arr[5] = {1, 2, 3, 4, 5};  
    printf("%d", arr[-2]);  
    return 0;  
}
```

- ☐ 3
- ☐ 2
- ☐ 1



4. #include <stdio.h>

```
int main() {  
    int arr[5] = {1, 2, 3, 4, 5};  
    printf("%p", &arr[2]);  
    return 0;  
}
```

- ☐ Address of arr[0]
- ☐ Address of arr[2]
- ☐ Address of arr[4]
- ☐ Compiler Error

5. #include <stdio.h>

```
int main() {  
    int nums[] = {1, 2, 3, 4, 5};  
    printf("%d", nums[2] - nums[1]);  
    return 0;  
}
```

- ☐ 0
- ☐ 1



☐ 3

6. #include <stdio.h>

```
int main() {  
    int arr[5] = {1, 2, 3, 4, 5};  
    printf("%d", arr[3]++);  
    return 0;  
}
```

☐ 4

☐ 5

☐ 6

☐ Compiler Error

7. int main() {  
 int data[5] = {1, 2, 3, 4, 5};  
 printf("%d", data[2] \* 2);  
 return 0;  
}

☐ 2

☐ 4



☐ 8

8. What does the following C code snippet do?

```
int arr[4] = {1, 2, 3, 4};  
int sum = 0;  
for (int i = 0; i < 4; ++i) {  
    sum += arr[i] * i;  
}  
printf("%d", sum);
```

- ☐ Computes the factorial of the array elements
- ☐ Calculates the sum of the array indices
- ☐ Finds the product of array elements and their indices
- ☐ Counts the number of odd array elements
- ☐ Counts the number of odd array elements

9. #include <stdio.h>  
void f(int a[2][])  
{



```
for (j = 0; j < 3; j++)  
printf("%d", a[i][j]);  
}  
void main()  
{  
int a[2][3] = {0};  
f(a);  
}
```

- ☐ compile time error
- ☐ All junk values
- ☐ 0 Only
- ☐ Runtime error

10. #include "stdio.h"  
#include "stdlib.h"

```
int main(int argc, char *argv[]) {  
char temp[20];  
gcvt(23.45, 2, temp);  
printf("%s", temp);  
return 0;  
}
```

- ☐ 0
- ☐ 24



☐ 23

11. #include<stdio.h>

```
int 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);  
    return 0;  
}
```

☐ 2,5,15

☐ 3, 2, 15

☐ 1,2,5

☐ 12,15,1

12. #include <stdio.h>

```
int main() {  
    int arr[5] = {1, 2, 3, 4, 5};  
    printf("%d", arr[4]-);  
    return 0;  
}
```



- ☐ 5
- ☐ 6
- ☐ Compiler Error

13. #include <stdio.h>

```
int main() {  
    int nums[3][2] = {{1, 2}, {3, 4}, {5, 6}};  
    printf("%d", nums[2][1] / nums[1]  
    [0]);  
    return 0;  
}
```

- ☐ 0
- ☐ 1
- ☐ 2
- ☐ 3

14. int main()  
{  
 int a[3] = {20,30,40};





```
}  
}
```

- ☐ compiler error
- ☐ 20
- ☐ 30
- ☐ 0

15. `#include <stdio.h>`  
`int main()`  
`{`  
`int ary[2][3][4], j = 20;`  
`ary[0][0] = &j;`  
`printf("%d\n", *ary[0][0]);`  
`}`

- ☐ Junk value
- ☐ No output
- ☐ Compile time Error
- ☐ Address of j



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