

My Assessment

```
← 17 Mar 2024 - CCC SRM AP - Quiz · 15
Stream AN mins
```

```
int main() {
int arr[5];
printf("%d", sizeof(arr++));
return 0;
}
What will be the output of this
program?
```

- \bigcirc 1
- \bigcirc 2
- \bigcirc 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

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

- \bigcirc 3
- \bigcirc 2
- \bigcirc 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

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

- \bigcirc 0
- \bigcirc 1



 \bigcirc 3

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

- \bigcirc 4
- 0 5
- \bigcirc 6
- Compiler Error

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

- \bigcirc 2
- \bigcirc 4





 \bigcirc 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);</pre>
```

- Computes the factorial of the array elements
- O 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);
}</pre>
```

- compile time error
- All junk values
- 0 Only

10. #include "stdio.h"

printf("%s", temp);

Runtime error

```
#include "stdlib.h"
int main(int argc, char *argv[]) {
  char temp[20];
  gcvt(23.45,2, temp);
```

J

return 0;

- \bigcirc 0
- O 24





O 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;
}
```

- O 2,5,15
- 3, 2, 15
- 0 1,2,5
- 0 12,15,1

```
12. #include < stdio.h >
```

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





- 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;
}
```

- \bigcirc 0
- \bigcirc 1
- \bigcirc 2
- \bigcirc 3

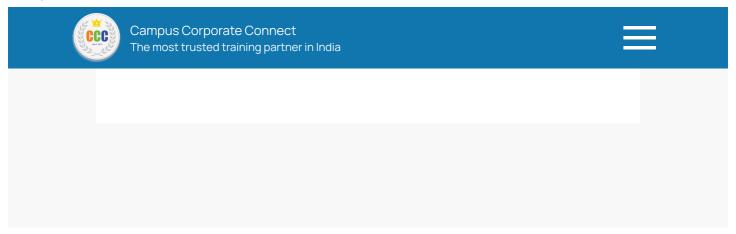
14. int main() { int a[3] = $\{20,30,40\}$;





- compiler error
- O 20
- O 30
- \bigcirc 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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