

C-145 \Rightarrow Solved Problems on Storage Classes in C Technical Interview Questions

Question 1

```
#include <stdio.h>

int a;

int main()
{
    printf("a=%d", a);  $\Rightarrow$  0
    return 0;
}
```

Question 2

```
#include <stdio.h>

int fun()
{
    static int num = 16;
    return num--;
}
```

```
int main()
```

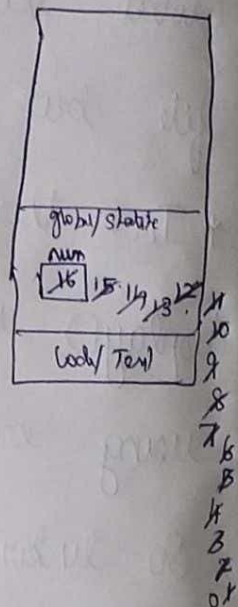
```
{
```

```
for( fun(); fun(); fun() )
```

```
printf("%d", fun());  $\Rightarrow$  14 11 8 5 2
```

```
return 0;
```

```
}
```



%p 14 11 8 5 2

main.c [45_Problems in Storage Classes] - Code::Blocks 20.03

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Management

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45_Problems in Storage Classes

Sources

main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 /** 45 - Problems in Storage Classes **/
4 int a;
5 int main()
6 {
7     printf("%d", a);
8     return 0;
9 }
10
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscop

LECTURE_MISCELLANEOUS TOPICS\45_Problems in Storage Classes\bin\Debug\45_Problems in Storage Classes.exe" (in D:\1. C C++\NOTEBOOK\C LANGUAGE\C Jennys Lectures\PART 11_JENNY LECTURE_MISCELLANEOUS TOPICS\45_Problems in Storage Classes\.)

Process terminated with status 0 (0 minute(s), 23 second(s))

D:\1. C C++\NOTEBOOK\C LANGUAGE\C Jennys Le... C/C++ Windows (CR+LF) WINDOWS-1252 Line 8, Col 10, Pos 132 Insert Read/Write default 6:13 PM

main.c [46_Problems in Storage Classes] - Code::Blocks 20.03

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Management

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39_extern Storage Classes in C
40_extern Storage Classes in C
41_extern Storage Classes in C
42_extern Storage Classes in C
43_extern Storage Classes in C
44_extern Storage Classes in C
45_Problems in Storage Classes
46_Problems in Storage Classes

Sources

main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 /** 46 - Problems in Storage Classes **/
4 int fun()
5 {
6     static int num=16;
7     return num--;
8 }
9 int main()
10 {
11     for(fun(); fun(); fun())
12     {
13         printf("%d\n", fun());
14     }
15     return 0;
16 }
17
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscop

Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "D:\1. C C++\NOTEBOOK\C LANGUAGE\C Jennys Lectures\PART 11_JENNY LECTURE_MISCELLANEOUS TOPICS\46_Problems in Storage Classes\bin\Debug\46_Problems in Storage Classes.exe" (in D:\1. C C++\NOTEBOOK\C LANGUAGE\C Jennys Lectures\PART 11_JENNY LECTURE_MISCELLANEOUS TOPICS\46_Problems in Storage Classes\.)

D:\1. C C++\NOTEBOOK\C LANGUAGE\C Jennys Le... C/C++ Windows (CR+LF) WINDOWS-1252 Line 15, Col 10, Pos 215 Insert Read/Write default 6:16 PM

"D:\1. C C++\NOTEBOOK\C LANGUAGE\C Jennys Lectures\PART 11_JENNY LECTURE_MISCELLANEOUS TOPICS\46_Problems i...

```
14
11
8
5
2

Process returned 0 (0x0)   execution time : 0.043 s
Press any key to continue.
```