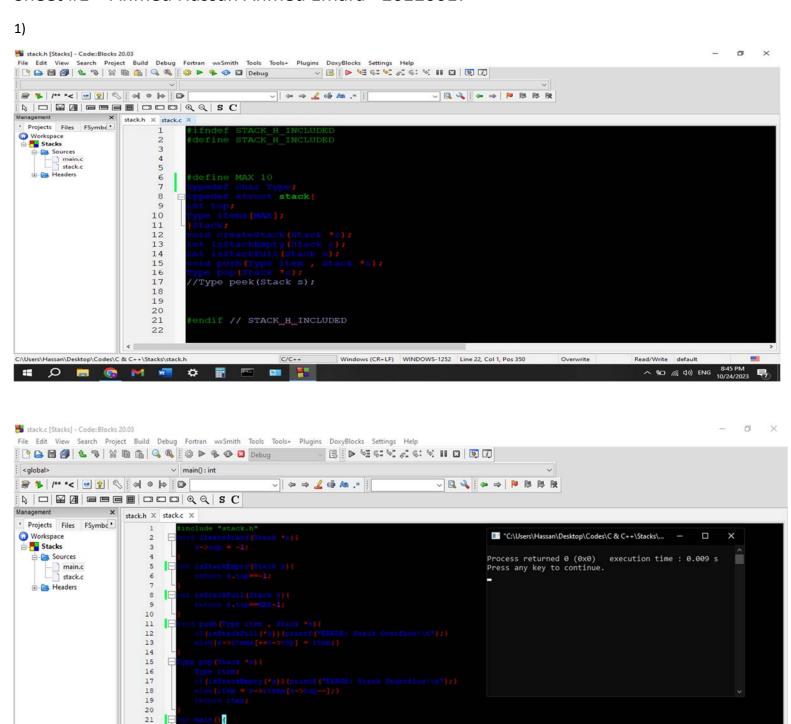
Sheet #1 - Ahmed Hassan Ahmed Emara - 20220017



Windows (CR+LF) WINDOWS-1252 Line 23, Col 1, Pos 492

Read/Write default

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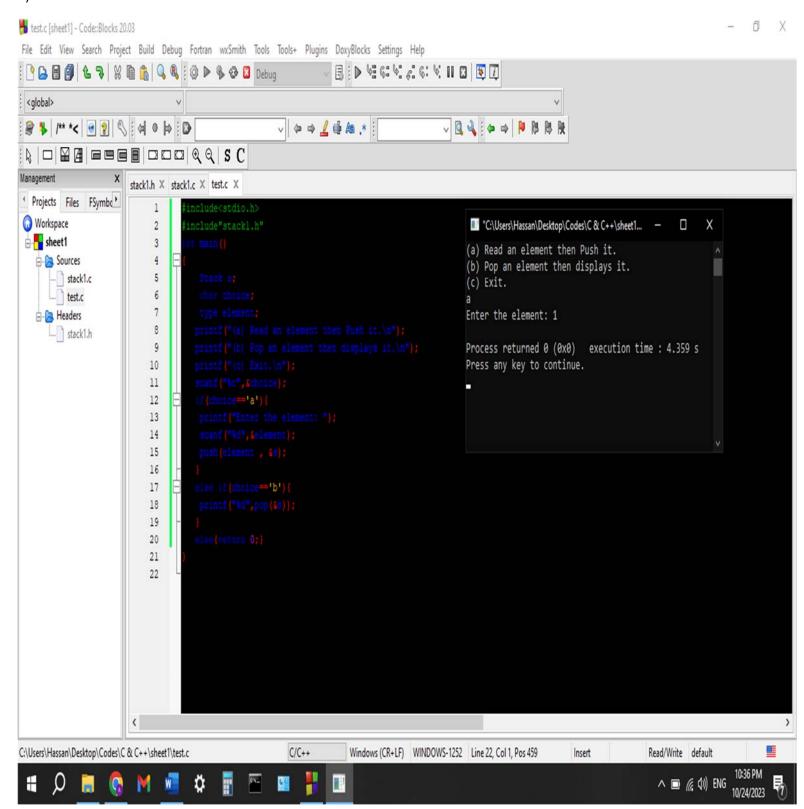
Yes, in order to make stack.c able to build functions declared in stack.h .

22 23

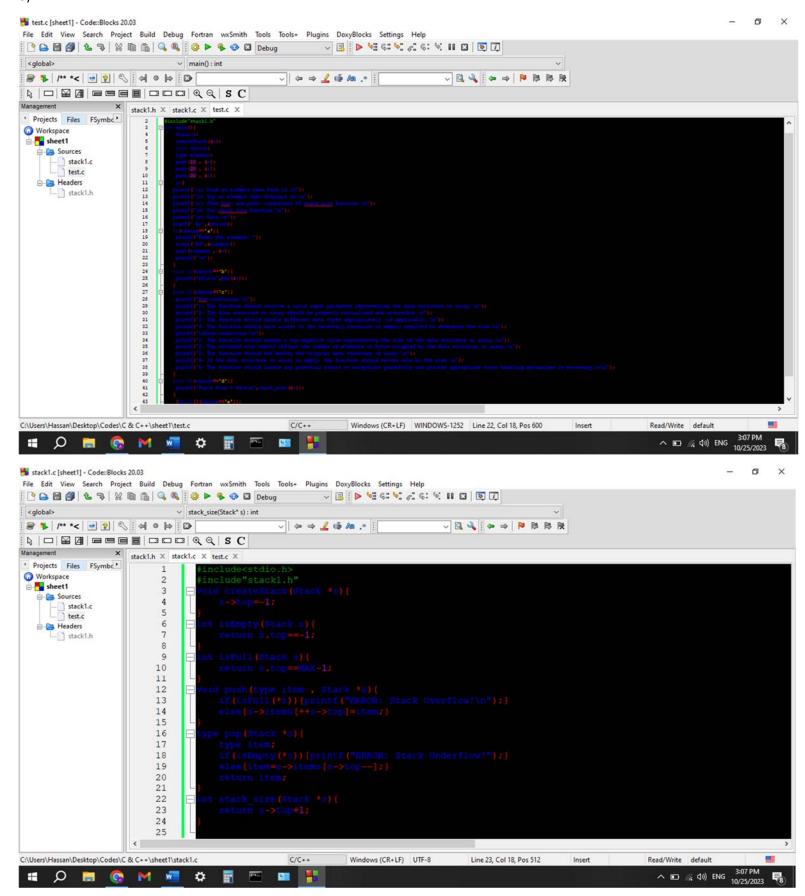
C:\Users\Hassan\Desktop\Codes\C & C++\Stacks\stack.c

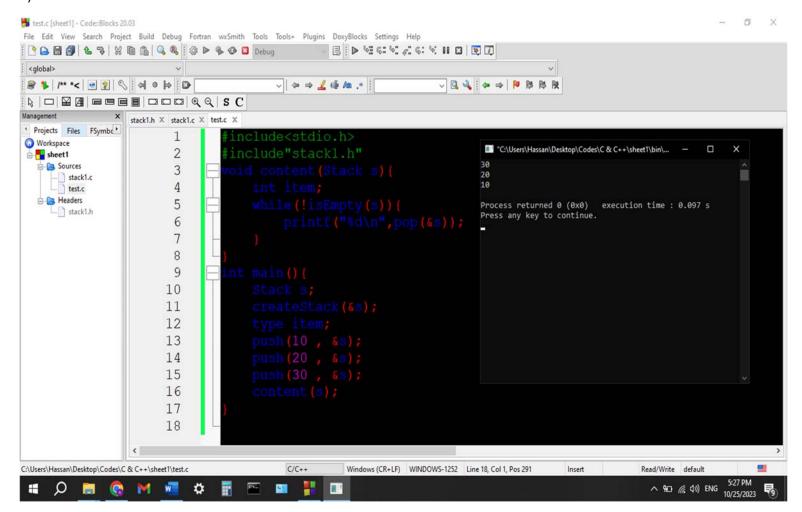
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Q



Yes, because it is excecutable.





Because we are supposed to know nothing about stack.c.

```
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
v main(): int
  3 1 /** *< 1 2 3 3 4 6 1 3
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 Management × stack1.h × stack1.c × test.c
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    Workspace
    Sheet1
    Sheet1

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               Sources stack1.c
                                                                                                                 4
                                                                                                                                                                              while(!isEmpty(s)){
                                                                                                                 5
                                                                                                                                                                                                     printf("%d\n",pop(&s));
                                                                                                                  6
                                                                                                                                                                                                                                                                                                                                                                    Process returned 0 (0x0) execution time : 0.078 s
                       stack1.h
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                                                                                                                                                                                                                                                                                                                                                                    Press any key to continue.
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```

```
roid destroy(Stack *s){
                 item=s->items[s->top--]
.nt main()
                                   "C:\Users\Hassan\Desktop\Codes\C & C++\she...
                                  Stack Has Been Destroyed Successfully!
                                                     execution time: 0.016 s
                                  Process returned 0 (0x0)
                                  Press any key to continue.
   push (20 , &s)
```

```
O
# test.c [sheet1] - Code::Blocks 20.03
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                                                            - B D 45 6: 4: 6: 4: H B 1 € 7
                               v main(): int

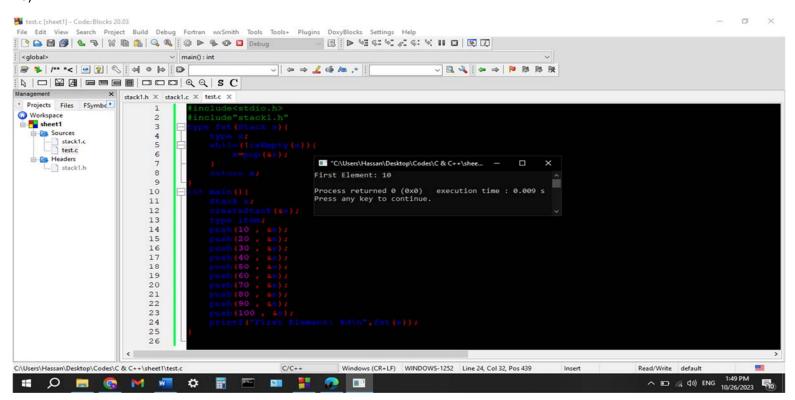
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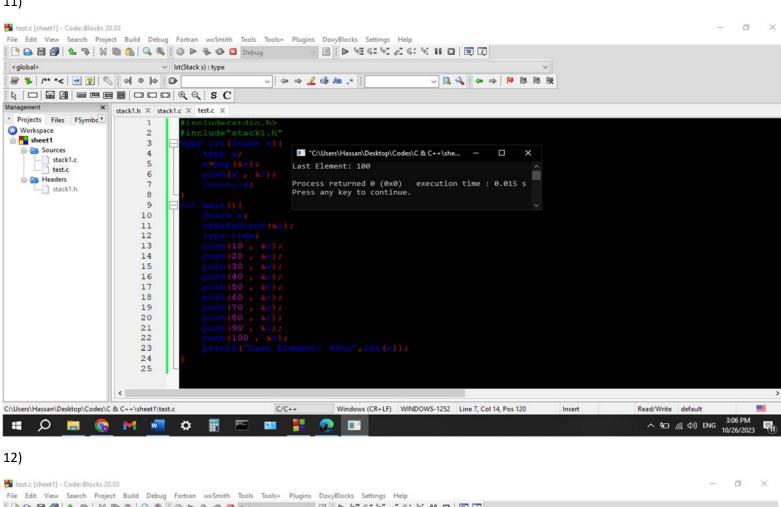
                                                                                     x stack1.h × stack1.c × test.c ×
Projects Files FSymbo
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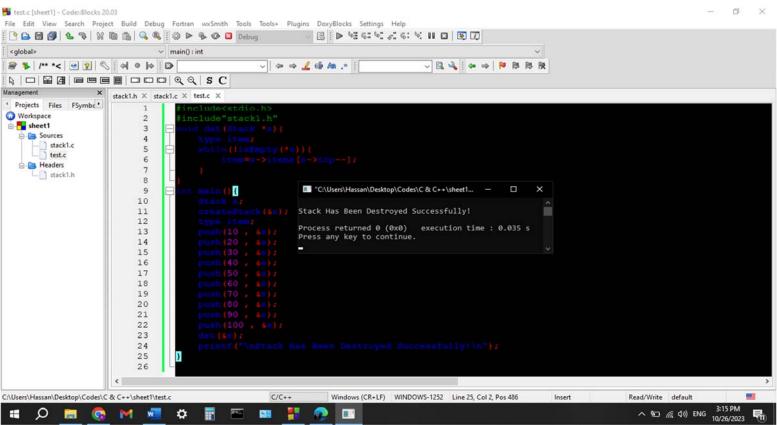
    ₩orkspace

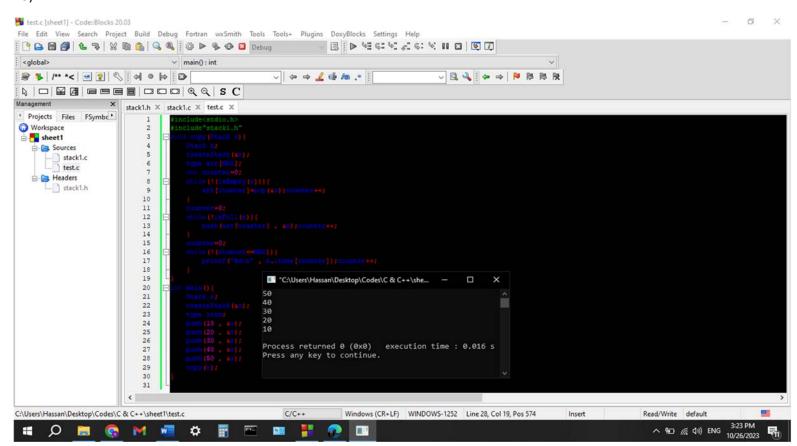
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       test.c
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      stack1.h
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                                                                            Process returned 0 (0x0) execution time : 0.042 s
                                                                            Press any key to continue.
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C:\Users\Hassan\Desktop\Codes\C & C++\sheet1\test.c
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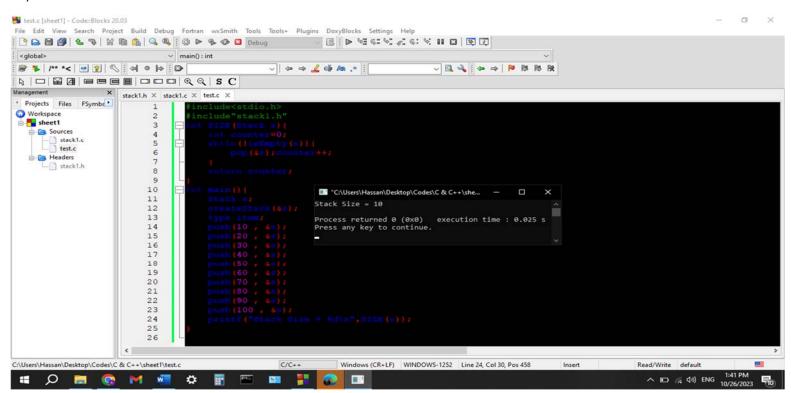
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- n x
test.c [sheet1] - Code:Blocks 20.03
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    Management × stack1.h × stack1.c × test.c ×
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 ○ Workspace
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Process returned 0 (0x0) execution time : 0.016 s
            □ Sources
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                   stack1.c
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           Headers
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C:\Users\Hassan\Desktop\Codes\C & C++\sheet1\test.c
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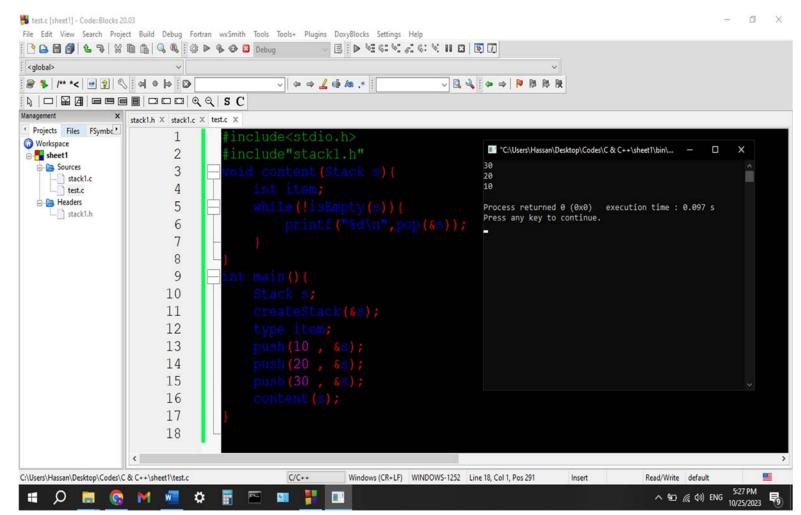












Due to abstraction and encapsulation.

