



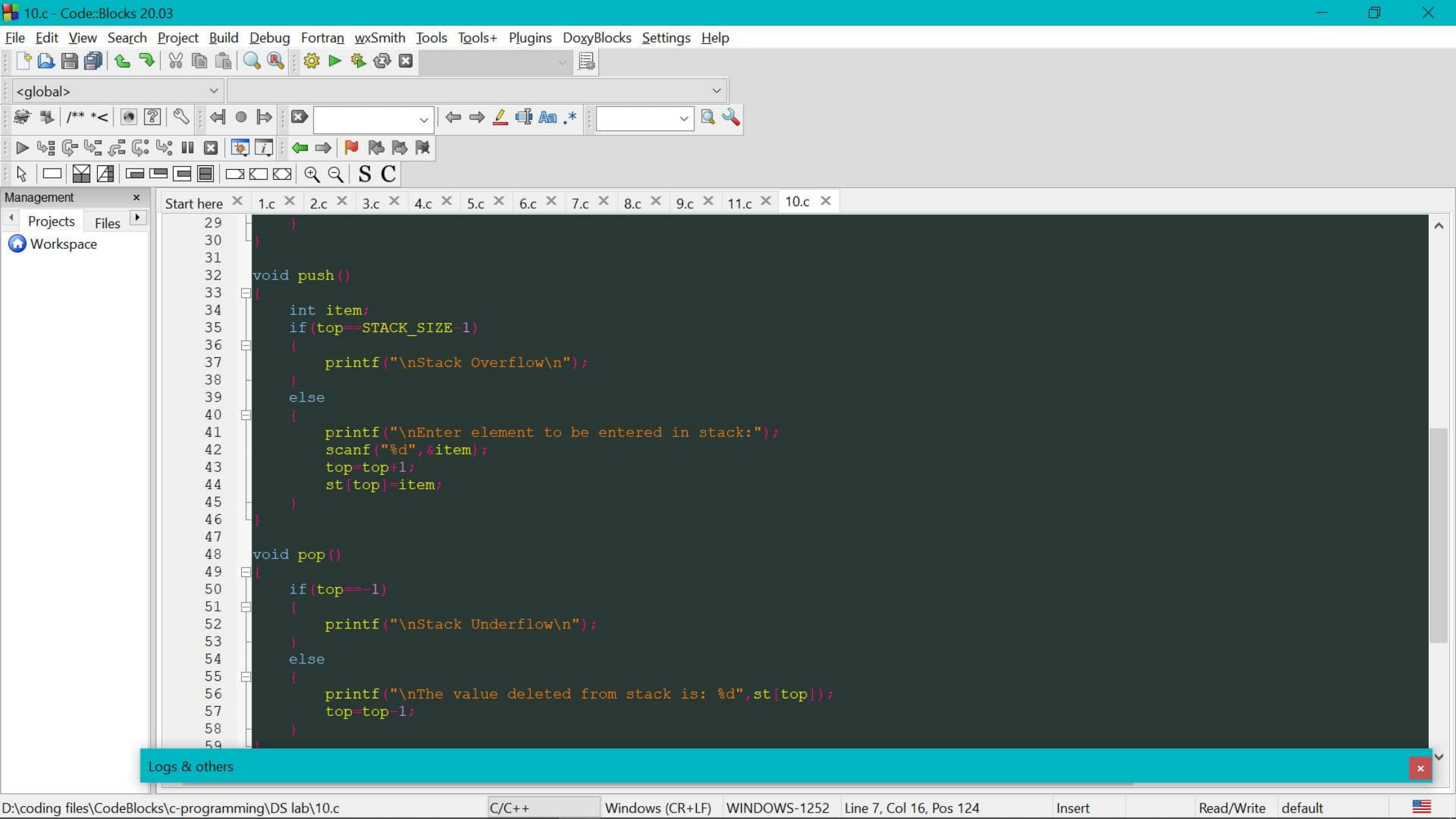
Management x Start here x 1.c x 2.c x 3.c x 4.c x 5.c x 6.c x 7.c x 8.c x 9.c x 11.c x 10.c x

Projects Files

Workspace

```
1 #include<stdio.h>
2 #include<process.h>
3 #define STACK_SIZE 5
4 int top=-1,st[10];
5 void push();
6 void pop();
7 void display();
8 void main()
9 {
10     int ch;
11     for(;;)
12     {
13         printf("\nStack Menu");
14         printf("\n\n1.Push\n2.Pop\n3.Display\n4.Exit");
15         printf("\n\nEnter your choice: ");
16         scanf("%d",&ch);
17         switch(ch)
18         {
19             case 1: push();
20                     break;
21             case 2: pop();
22                     break;
23             case 3: display();
24                     break;
25             case 4: exit(0);
26             default:
27                 printf("\nInvalid option!! Try again");
28         }
29     }
30 }
```

Logs &amp; others





```
Start here x 1.c x 2.c x 3.c x 4.c x 5.c x 6.c x 7.c x 8.c x 9.c x 11.c x 10.c x
44      st[top]=item;
45      )
46  )
47
48  void pop()
49  {
50      if(top==--1)
51      {
52          printf("\nStack Underflow\n");
53      }
54      else
55      {
56          printf("\nThe value deleted from stack is: %d",st[top]);
57          top=top-1;
58      }
59  }
60  void display()
61  {
62      int i;
63      if(top==--1)
64      {
65          printf("\nStack is empty\n");
66      }
67      else
68      {
69          printf("\nContents of the stack are: \n");
70          for(i=top;i>=0;--i)
71              printf("%d\n",st[i]);
72      }
73  }
74
```

Stack Menu

- 1.Push
- 2.Pop
- 3.Display
- 4.Exit

Enter your choice: 1

Enter element to be entered in stack:12

Stack Menu

- 1.Push
- 2.Pop
- 3.Display
- 4.Exit

Enter your choice: 1

Enter element to be entered in stack:14

Stack Menu

- 1.Push
- 2.Pop
- 3.Display
- 4.Exit

Enter your choice: 1

Enter element to be entered in stack:18

Stack Menu

- 1.Push
- 2.Pop
- 3.Display
- 4.Exit

Enter your choice: 1

Enter element to be entered in stack:18

Stack Menu

- 1.Push
- 2.Pop
- 3.Display
- 4.Exit

Enter your choice: 1

Enter element to be entered in stack:19

Stack Menu

- 1.Push
- 2.Pop
- 3.Display
- 4.Exit

Enter your choice: 1

Enter element to be entered in stack:90

Stack Menu

- 1.Push
- 2.Pop
- 3.Display
- 4.Exit

Enter your choice: 1

Stack Overflow

Stack Menu

- 1.Push
- 2.Pop
- 3.Display
- 4.Exit

Enter your choice:

Enter your choice: 1

Stack Overflow

Stack Menu

- 1.Push
- 2.Pop
- 3.Display
- 4.Exit

Enter your choice: 3

Contents of the stack are:

90  
19  
18  
14  
12

Stack Menu

- 1.Push
- 2.Pop
- 3.Display
- 4.Exit

Enter your choice: 2

The value deleted from stack is: 90

Stack Menu

- 1.Push
- 2.Pop
- 3.Display
- 4.Exit

Enter your choice: 2

The value deleted from stack is: 19

Stack Menu

- 1.Push
- 2.Pop
- 3.Display

1.Push  
2.Pop  
3.Display  
4.Exit

Enter your choice: 2

The value deleted from stack is: 12  
Stack Menu

1.Push  
2.Pop  
3.Display  
4.Exit

Enter your choice: 2

Stack Underflow

Stack Menu

1.Push  
2.Pop  
3.Display  
4.Exit

Enter your choice: 3

Stack is empty

Stack Menu

1.Push  
2.Pop  
3.Display  
4.Exit

Enter your choice: 4

Process returned 0 (0x0) execution time : 178.391 s  
Press any key to continue.