

File

Edit

Selection

View

Go

Run

Terminal

Help

EXPLORER

...

Queue.c

Q2.c

Q1.c

OPEN EDITORS

Queue.c Compet...

Q2.c Sem3\Assig...

Q1.c Sem3\Assig...

C LANGUAGE

Anagram.c

Anagram.exe

Assignment_1.exe

HCF.c

HCF.exe

LCM.exe

Sequence.c

String.c

Try.exe

File

PVSCode

Sem1

Sem2

Sem3

Assignment 1

Assignment 2

Assignment 3

Assignment 4

Lab 4.txt

Q1 (1).png

Q1 (2).png

Q1 (3).png

Q1.c

Q1.exe

Q2.c

Q2.exe

Assignment 4.1

VS_Sem2

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OUTLINE

Sem3 > Assignment 4 > C Q2.c > display(int *, int *)

1 #include <stdio.h>

2 struct number

3 {

4 int data;

5 };

6 int push(struct number *p, int *t)

7 {

8 int v;

9 if (*t == 10)

10 printf("Stack Filled!!\n");

11 else

12 {

13 (*t)++;

14 printf("Enter a number\n");

15 scanf("%d", &v);

16 (p+*t)->data = v;

17 printf("Pushed : %d\n\n", v);

18 }

19 }

20 int pop(struct number *p, int *t)

21 {

22 if (*t == -1)

23 printf("Stack Empty!!\n");

24 else

25 {

26 printf("Popped : %d\n\n", (p+*t)->data);

27 (p+*t)->data = 0;

28 (*t)--;

29 }

30 }

31 int display(int *a, int *t)

32 {

33 for(int i=0; i<=*t; i++)

34 printf("%d ", a[i]);

35 }

36 void main()

37 {

38 struct number arr[10];

39 int top=-1;

40 int n=1;

C:\WINDOWS\system32\cmd.exe

Enter 1 to PUSH
Enter 2 to POP
Enter 0 to Stop
1
Enter a number
12
Pushed : 12

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
1
Enter a number
143
Pushed : 143

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
1
Enter a number
145
Pushed : 145

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
1
Enter a number
166
Pushed : 166

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
2
Popped : 166

0 0 0

Type here to search

Ln 33, Col 27 Spaces: 4 UTF-8 CRLF C Win32

11:33 PM 25-09-2021

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EXPLORER

OPEN EDITORS

Queue.c Q2.c Q1.c

Sem3 > Assignment 4 > Q2.c > display(int *, int *)

Queue.c Compet...
Q2.c Sem3\Assig...
Q1.c Sem3\Assig...

C LANGUAGE

Anagram.c
Anagram.exe
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HCF.c
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> File
> PVSCode
> Sem1
> Sem2
> Sem3
 > Assignment 1
 > Assignment 2
 > Assignment 3
 > Assignment 4
 Lab 4.txt
 Q1 (1).png
 Q1 (2).png
 Q1 (3).png
 Q1.c
 Q1.exe
 Q2.c
 Q2.exe
 > Assignment 4.1
 > VS_Sem2
 letusc-yashwantkanet...

> OUTLINE

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```
}  
}  
int display(int *a,int *t)  
{  
    for(int i=0;i<=*t;i++)  
        printf("%d ",a[i]);  
}  
void main()  
{  
    struct number arr[10];  
    int top=-1;  
    int p = -1;  
    while (p != 0)  
    {  
        printf("\nEnter 1 to PUSH\n");  
        printf("Enter 2 to POP\n");  
        if(top!=-1)  
            printf("Enter 3 to Print the Stack\n");  
        printf("Enter 0 to Stop\n");  
        scanf("%d", &p);  
        switch (p)  
        {  
            case 1:  
                push(arr, &top);  
                break;  
            case 2:  
                pop(arr,&top);  
                break;  
            case 3:  
                display(arr,&top);  
                break;  
            case 0:  
                continue;  
            default:  
                printf("INVALId CHOICE\n");  
        }  
    }  
    return 0;  
}
```

C:\WINDOWS\system32\cmd.exe

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
2
Popped : 145

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
2
Popped : 143

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
3
12
Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
1
Enter a number
13
Pushed : 13

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
1
Enter a number
14
Pushed : 14

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
3

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Assignment 4

Lab 4.txt

Q1 (1).png

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Q1 (3).png

Q1.c

Q1.exe

Q2.c

Q2.exe

Assignment 4.1

VS_Sem2

letusc-yashwantkanet...

OUTLINE

Sem3 > Assignment 4 > C > Q2.c > display(int *, int *)

29

}

30

}

31

int display(int *a,int *t)

32

{

33

for(int i=0;i<=*t;i++)

34

printf("%d ",a[i]);

35

}

36

void main()

37

{

38

struct number arr[10];

39

int top=-1;

40

int p = -1;

41

while (p != 0)

42

{

43

printf("\nEnter 1 to PUSH\n");

44

printf("Enter 2 to POP\n");

45

if(top!=-1)

46

printf("Enter 3 to Print the Stack\n");

47

printf("Enter 0 to Stop\n");

48

scanf("%d", &p);

49

switch (p)

50

{

51

case 1:

52

push(arr, &top);

53

break;

54

case 2:

55

pop(arr,&top);

56

break;

57

case 3:

58

display(arr,&top);

59

break;

60

case 0:

61

continue;

62

default:

63

printf("INVALId CHOICE\n");

64

}

65

}

66

return 0;

67

}

C:\WINDOWS\system32\cmd.exe

1

Enter a number

13

Pushed : 13

Enter 1 to PUSH

Enter 2 to POP

Enter 3 to Print the Stack

Enter 0 to Stop

1

Enter a number

14

Pushed : 14

Enter 1 to PUSH

Enter 2 to POP

Enter 3 to Print the Stack

Enter 0 to Stop

3

12 13 14

Enter 1 to PUSH

Enter 2 to POP

Enter 3 to Print the Stack

Enter 0 to Stop

0

Press any key to continue . . .

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