

C Stack DMA.c X

Sem3 > Assignment 4.1 > C Stack_DMA.c > main()

31

34

37

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42

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51

57

62

— □ ×

```
Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
```

```

29     }
30 }
31 int print_stack(int *a)
32 {
33     for(int i=0;i<=c;i++)
34         printf("%d ",a[i]);
35 }
36 int main()
37 {
38     int *a = (int*)malloc(sizeof(int));
39     int p = -1;
40     while (p != 0)
41     {
42         printf("\nEnter 1 to PUSH\n");
43         printf("Enter 2 to POP\n");
44         if(c!=-1)
45             printf("Enter 3 to Print the Stack\n");
46         printf("Enter 0 to Stop\n");
47         scanf("%d", &p);
48         switch (p)
49         {
50             case 1:
51                 push(a);
52                 break;
53             case 2:
54                 pop(a);
55                 break;
56             case 3:
57                 print_stack(a);
58                 break;
59             case 0:
60                 free(a);
61                 continue;
62             default:
63                 printf("INVALID CHOICE\n");
64         }
65     }
66     return 0;
67 }
68

```

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Stack_DMA.c - C language - Visual Studio Code

EXPLOREDiv>

Queue.c

Stack_DMA.c

OPEN EDITORS

Sem3 > Assignment 4.1 > Stack_DMA.c > main()

C LANGUAGE

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

Assignment 4.1

Stack_DMA.c

Stack_DMA.exe

VS_Sem2

letusc-yashwantkanet...

tempCodeRunnerFile.c

tempCodeRunnerFile....

OUTLINE

29

}

30

}

31

int print_stack(int *a)

32

{

33

for(int i=0;i<=c;i++)

34

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

35

}

36

int main()

37

{

38

int *a = (int*)malloc(sizeof(int));

39

int p = -1;

40

while (p != 0)

41

{

42

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

43

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

44

if(c!=-1)

45

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

46

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

47

scanf("%d", &p);

48

switch (p)

49

{

50

case 1:

51

push(a);

52

break;

53

case 2:

54

pop(a);

55

break;

56

case 3:

57

print_stack(a);

58

break;

59

case 0:

60

free(a);

61

continue;

62

default:

63

printf("INVALID CHOICE\n");

64

}

65

}

66

return 0;

67

}

68

}

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 : 1231

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
2
Popped : 14556

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
2
Popped : 1554

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

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Ln 37, Col 2 Spaces: 4 UTF-8 CRLF C Win32

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FileEditSelectionViewGoRunTerminalHelp

Stack_DMA.c - C language - Visual Studio Code

EXPLORER

OPEN EDITORS

Sem3 > Assignment 4.1 > Stack_DMA.c > main()

Queue.c Compet...29

Stack_DMA.c Se...30

C LANGUAGE

Anagram.exe33

Assignment_1.exe34

HCF.c35

HCF.exe36

LCM.exe37

Sequence.c38

String.c39

Try.exe40

File42

PVScode43

Sem144

Sem245

Sem346

Assignment 147

Assignment 248

Assignment 349

Assignment 450

Assignment 451

Lab 4.txt52

Q1 (1).png53

Q1 (2).png54

Q1 (3).png55

Q1.c56

Q1.exe57

Assignment 4.158

Stack_DMA.c59

Stack_DMA.exe60

VS_Sem261

letusc-yashwantkanet...62

tempCodeRunnerFile.c63

tempCodeRunnerFile....64

OUTLINE65

Queue.c

Stack_DMA.c X

29

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}

}

int print_stack(int *a)

{

for(int i=0;i<=c;i++)

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

}

int main()

{

int *a = (int*)malloc(sizeof(int));

int p = -1;

while (p != 0)

{

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

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

if(c!=-1)

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

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

scanf("%d", &p);

switch (p)

{

case 1:

push(a);

break;

case 2:

pop(a);

break;

case 3:

print_stack(a);

break;

case 0:

free(a);

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 : 134

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

2

Popped : 12

Enter 1 to PUSH

Enter 2 to POP

Enter 0 to Stop

2

Stack Empty!!

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Ln 37, Col 2

Spaces: 4

UTF-8

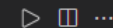
CRLF

C

Win32

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25-09-2021



C Stack DMA.c X

Sem3 > Assignment 4.1 > C Stack_DMA.c > main()

31

34

37

41

42

44

52

64

66

67

— □ ×

```
Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
123
INVALID CHOICE

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
123
INVALID CHOICE

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
1
Enter a number
123
Pushed : 123

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

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Stack_DMA.c - C language - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

Queue.c Stack_DMA.c

OPEN EDITORS

Sem3 > Assignment 4.1 > Stack_DMA.c > main()

Queue.c Compet...
Stack_DMA.c Se...
C LANGUAGE

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
Assignment 4.1
Stack_DMA.c
Stack_DMA.exe
VS_Sem2
letusc-yashwantkanet...
tempCodeRunnerFile.c
tempCodeRunnerFile....
OUTLINE

29 }
30 }
31 int print_stack(int *a)
32 {
33 for(int i=0;i<=c;i++)
34 printf("%d ",a[i]);
35 }
36 int main()
37 {
38 int *a = (int*)malloc(sizeof(int));
39 int p = -1;
40 while (p != 0)
41 {
42 printf("\nEnter 1 to PUSH\n");
43 printf("Enter 2 to POP\n");
44 if(c!=-1)
45 printf("Enter 3 to Print the Stack\n");
46 printf("Enter 0 to Stop\n");
47 scanf("%d", &p);
48 switch (p)
49 {
50 case 1:
51 push(a);
52 break;
53 case 2:
54 pop(a);
55 break;
56 case 3:
57 print_stack(a);
58 break;
59 case 0:
60 free(a);
61 continue;
62 default:
63 printf("INVALID CHOICE\n");
64 }
65 }
66 return 0;
67 }
68 }

C:\WINDOWS\system32\cmd.exe

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
1
Enter a number
1234
Pushed : 1234

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
1
Enter a number
12345
Pushed : 12345

Enter 1 to PUSH
Enter 2 to POP
Enter 3 to Print the Stack
Enter 0 to Stop
3
123 123 1234 12345
Enter 1 to PUSH
Enter 2 to POP

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Stack_DMA.c - C language - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

Queue.c Stack_DMA.c

OPEN EDITORS

Sem3 > Assignment 4.1 > Stack_DMA.c > main()

Queue.c Compet...

Stack_DMA.c Se...

C LANGUAGE

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

Assignment 4.1

Stack_DMA.c

Stack_DMA.exe

VS_Sem2

letusc-yashwantkanet...

tempCodeRunnerFile.c

tempCodeRunnerFile....

OUTLINE

29 }

30 }

31 int print_stack(int *a)

32 {

33 for(int i=0;i<=c;i++)

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

35 }

36 int main()

37 {

38 int *a = (int*)malloc(sizeof(int));

39 int p = -1;

40 while (p != 0)

41 {

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

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

44 if(c!=-1)

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

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

47 scanf("%d", &p);

48 switch (p)

49 {

50 case 1:

51 push(a);

52 break;

53 case 2:

54 pop(a);

55 break;

56 case 3:

57 print_stack(a);

58 break;

59 case 0:

60 free(a);

61 continue;

62 default:

63 printf("INVALID CHOICE\n");

64 }

65 }

66 return 0;

67 }

68 }

C:\WINDOWS\system32\cmd.exe

Enter a number

1234

Pushed : 1234

Enter 1 to PUSH

Enter 2 to POP

Enter 3 to Print the Stack

Enter 0 to Stop

1

Enter a number

12345

Pushed : 12345

Enter 1 to PUSH

Enter 2 to POP

Enter 3 to Print the Stack

Enter 0 to Stop

3

123 123 1234 12345

Enter 1 to PUSH

Enter 2 to POP

Enter 3 to Print the Stack

Enter 0 to Stop

0

Press any key to continue . . .

Activate Windows

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0 0 0

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