



Sym | infix\_to\_postfix.c | untitled.c

```
29
30     default: printf("\nWrong Choice!!");
31     }
32 }
33 return 0;
34 }
35
36 void push()
37 {
38     int val;
39
40     if(top==MAX-1)
41     {
42         printf("\nStack Overflow!!");
43     }
44     else
45     {
46         printf("\nEnter element to push:");
47         scanf("%d", &val);
48         top=top+1;
49         stack[top]=val;
50     }
51 }
52
53 void pop()
54 {
55     if(top==--1)
56     {
57         printf("\nStack Underflow!!");
58     }
59     else
60     {
```

```
gcc -Wall -o "untitled" "untitled.c" (in directory: C:\Users\harshitha\Desktop\harshitha\C)
Compilation finished successfully.
```

Sym | infix\_to\_postfix.c | untitled.c

```
50 |     }  
51 | }  
52 |  
53 | void pop()  
54 | {  
55 |     if(top==--1)  
56 |     {  
57 |         printf("\nStack Underflow!!");  
58 |     }  
59 |     else  
60 |     {  
61 |         printf("\nDeleted element is %d",stack[top]);  
62 |         top=top-1;  
63 |     }  
64 | }  
65 |  
66 | void display()  
67 | {  
68 |     int i;  
69 |  
70 |     if(top==--1)  
71 |     {  
72 |         printf("\nStack is empty!!");  
73 |     }  
74 |     else  
75 |     {  
76 |         printf("\nStack is...\n");  
77 |         for(i=top;i>=0;--i)  
78 |             printf("%d\n",stack[i]);  
79 |     }  
80 | }  
81 |
```

```
gcc -Wall -o "untitled" "untitled.c" (in directory: C:\Users\harshitha\Desktop\harshitha\C)  
Compilation finished successfully.
```

```
untitled.c - C:\Users\harshitha\Desktop\harshitha\C - Geany
File Edit Search View Document Project Build Tools Help
New Open Save Save All Revert Close Back Forward Compile Build Execute Color C
Sym | infix_to_postfix.c | untitled.c |
Func 50 | }
dis 51 | }
dis 52 |
dis 53 | void pop()
ma 54 | {
po 55 |     if(top==--1)
po 56 |     {
pu 57 |         printf("\nStack Underflow!!");
pu 58 |     }
pu 59 |     else
60 |     {
61 |         printf("\nDeleted element is %d",stack[top]);
62 |         top=top-1;
63 |     }
64 | }
65 |
66 | void display()
67 | {
68 |     int i;
69 |
70 |     if(top==--1)
71 |     {
72 |         printf("\nStack is empty!!");
73 |     }
74 |     else
75 |     {
76 |         printf("\nStack is...\n");
77 |         for(i=top;i>=0;--i)
78 |             printf("%d\n",stack[i]);
79 |     }
80 | }
81 |

gcc -Wall -o "untitled" "untitled.c" (in directory: C:\Users\harshitha\Desktop)
Compilation finished successfully.

line: 1 / 81 col: 0 sel: 0 INS TAB mode: CRLF encoding: UTF-8 filetype: C scope: unknown
```

```
C:\WINDOWS\SYSTEM32\cmd.exe
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit

Enter your choice(1-4):1

Enter element to push:2

*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit

Enter your choice(1-4):1

Enter element to push:3

*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit

Enter your choice(1-4):1

Enter element to push:4

*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
```

```
untitled.c - C:\Users\harshitha\Desktop\harshitha\C - Geany
File Edit Search View Document Project Build Tools Help
New Open Save Save All Revert Close Back Forward Compile Build Execute Color C
Sym  infix_to_postfix.c x  untitled.c x
Func 50 { }
dis 51 }
dis 52
dis 53 void pop()
ma 54 {
po 55     if(top==--1)
po 56     {
pu 57         printf("\nStack Underflow!!");
pu 58     }
pu 59     else
60     {
61         printf("\nDeleted element is %d",stack[top]);
62         top=top-1;
63     }
64 }
65
66 void display()
67 {
68     int i;
69
70     if(top==--1)
71     {
72         printf("\nStack is empty!!");
73     }
74     else
75     {
76         printf("\nStack is...\n");
77         for(i=top;i>=0;--i)
78             printf("%d\n",stack[i]);
79     }
80 }
81

gcc -Wall -o "untitled" "untitled.c" (in directory: C:\Users\harshitha\Desktop)
Compilation finished successfully.
line: 1 / 81 col: 0 sel: 0 INS TAB mode: CRLF encoding: UTF-8 filetype: C scope: unknown
```

```
C:\WINDOWS\SYSTEM32\cmd.exe
Enter element to push:4
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):1
Enter element to push:45
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):1
Enter element to push:34
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):1
Stack Overflow!!
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
```

```
File Edit Search View Document Project Build Tools Help
New Open Save Save All Revert Close Back Forward Compile Build Execute Color C
Sym infix_to_postfix.c x untitled.c x
50 }
51 }
52
53 void pop()
54 {
55     if(top==--1)
56     {
57         printf("\nStack Underflow!!");
58     }
59     else
60     {
61         printf("\nDeleted element is %d",stack[top]);
62         top=top-1;
63     }
64 }
65
66 void display()
67 {
68     int i;
69
70     if(top==--1)
71     {
72         printf("\nStack is empty!!");
73     }
74     else
75     {
76         printf("\nStack is...\n");
77         for(i=top;i>=0;--i)
78             printf("%d\n",stack[i]);
79     }
80 }
81
gcc -Wall -o "untitled" "untitled.c" (in directory: C:\Users\harshitha\Desktop)
Compilation finished successfully.
line: 1 / 81 col: 0 sel: 0 INS TAB mode: CRLF encoding: UTF-8 filetype: C scope: unknown
```

```
C:\WINDOWS\SYSTEM32\cmd.exe
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):56
Wrong Choice!!
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):3
Stack is...
34
45
4
3
2
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):2
Deleted element is 34
*** Stack Menu ***
1.Push
2.Pop
```



```
untitled.c - C:\Users\harshitha\Desktop\harshitha\C - Geany
File Edit Search View Document Project Build Tools Help
New Open Save Save All Revert Close Back Forward Compile Build Execute Color C
Sym | infix_to_postfix.c | untitled.c |
Func 50 | }
dis 51 | }
dis 52 |
dis 53 | void pop()
ma 54 | {
po 55 |     if(top==--1)
po 56 |     {
pu 57 |         printf("\nStack Underflow!!");
pu 58 |     }
pu 59 |     else
60 |     {
61 |         printf("\nDeleted element is %d",stack[top]);
62 |         top=top-1;
63 |     }
64 | }
65 |
66 | void display()
67 | {
68 |     int i;
69 |
70 |     if(top==--1)
71 |     {
72 |         printf("\nStack is empty!!");
73 |     }
74 |     else
75 |     {
76 |         printf("\nStack is...\n");
77 |         for(i=top;i>=0;--i)
78 |             printf("%d\n",stack[i]);
79 |     }
80 | }
81 |

gcc -Wall -o "untitled" "untitled.c" (in directory: C:\Users\harshitha\Desktop)
Compilation finished successfully.
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```

```
C:\WINDOWS\SYSTEM32\cmd.exe
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):2
Deleted element is 45
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):3
Stack is...
4
3
2
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):2
Deleted element is 4
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
```

```
untitled.c - C:\Users\harshitha\Desktop\harshitha\C - Geany
File Edit Search View Document Project Build Tools Help
New Open Save Save All Revert Close Back Forward Compile Build Execute Color C
Sym infix_to_postfix.c x untitled.c x
50 }
51 }
52
53 void pop()
54 {
55     if(top==--1)
56     {
57         printf("\nStack Underflow!!");
58     }
59     else
60     {
61         printf("\nDeleted element is %d",stack[top]);
62         top=top-1;
63     }
64 }
65
66 void display()
67 {
68     int i;
69
70     if(top==--1)
71     {
72         printf("\nStack is empty!!");
73     }
74     else
75     {
76         printf("\nStack is...\n");
77         for(i=top;i>=0;--i)
78             printf("%d\n",stack[i]);
79     }
80 }
81
gcc -Wall -o "untitled" "untitled.c" (in directory: C:\Users\harshitha\Desktop)
Compilation finished successfully.
line: 1 / 81 col: 0 sel: 0 INS TAB mode: CRLF encoding: UTF-8 filetype: C scope: unknown
```

```
C:\WINDOWS\SYSTEM32\cmd.exe
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):3
Stack is...
3
2
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):2
Deleted element is 3
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):2
Deleted element is 2
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
```



```
untitled.c - C:\Users\harshitha\Desktop\harshitha\C - Geany
File Edit Search View Document Project Build Tools Help
New Open Save Save All Revert Close Back Forward Compile Build Execute Color C
Sym infix_to_postfix.c x untitled.c x
Func
dis
dis
ma
po
po
pu
pu
Macr
MA
Varia
sta
top
50 }
51 }
52
53 void pop()
54 {
55     if(top==--1)
56     {
57         printf("\nStack Underflow!!");
58     }
59     else
60     {
61         printf("\nDeleted element is %d",stack[top]);
62         top=top-1;
63     }
64 }
65
66 void display()
67 {
68     int i;
69
70     if(top==--1)
71     {
72         printf("\nStack is empty!!");
73     }
74     else
75     {
76         printf("\nStack is...\n");
77         for(i=top;i>=0;--i)
78             printf("%d\n",stack[i]);
79     }
80 }
81
gcc -Wall -o "untitled" "untitled.c" (in directory: C:\Users\harshitha\Desktop)
Compilation finished successfully.
line: 1 / 81 col: 0 sel: 0 INS TAB mode: CRLF encoding: UTF-8 filetype: C scope: unknown
```

```
C:\WINDOWS\SYSTEM32\cmd.exe
2
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):2
Deleted element is 3
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):2
Deleted element is 2
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):2
Stack Underflow!!
*** Stack Menu ***
1.Push
2.Pop
3.Display
4.Exit
Enter your choice(1-4):
```