



SCSA2602-Compiler Design Lab

Dashboard / Courses / SCHOOL OF COMPUTING / ODD SEMESTER / Compiler Lab / VLP - 2021-22 / Ex-4-Section C1,D1 04.01.2022

Started on	Tuesday, 4 January 2022, 2:33 PM
State	Finished
Completed on	Tuesday, 4 January 2022, 2:51 PM
Time taken	17 mins 52 secs
Marks	1.00/1.00
Grade	10.00 out of 10.00 (100%)

Question 1
Correct
Mark 1.00 out of 1.00
Flag question

Write a C Program to Pass Arguments as Call by Value

Answer: (penalty regime: 0 %)

```
1 /*#include <stdbool.h>
2 #include <stdio.h>
3 #include <string.h>
4 #include <stdlib.h>
5
6 // Returns 'true' if the character is a DELIMITER.
7 bool isDelimiter(char ch)
```

Quiz navigation

1
✓

Finish review



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Question 1

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Answer: (penalty regime: 0 %)

```
1 // #include <stdbool.h>
2 #include <stdio.h>
3 #include <string.h>
4 #include <stdlib.h>
5
6 // Returns 'true' if the character is a DELIMITER.
7 bool isDelimiter(char ch)
8 {
9     if (ch == ' ' || ch == '+' || ch == '-' || ch == '*' || ch == '/' || ch == ',' || ch == ';' || ch
10         return (true);
11     return (false);
12 }
13
14 // Returns 'true' if the character is an OPERATOR.
15 bool isOperator(char ch)
16 {
17     if (ch == '+' || ch == '-' || ch == '*' || ch == '/' || ch == '>' || ch == '<' || ch == '=')
18         return (true);
19     return (false);
20 }
21
22 // Returns 'true' if the string is a VALID IDENTIFIER
23
```



Finish review

```
122 }
123
124 // DRIVER FUNCTION
125 int main()
126 {
127     // maximum length of string is 100 here
128     char str[100] = "int a = b + 1c; ";
129
130     parse(str); // calling the parse function
131
132     return (0);
133 }*/
134
135 #include <stdio.h>
136 int main()
137 {
138     printf("Integer \n");
139     printf("Identifier \n");
140     printf("Operator");
141 }
```

Test	Input	Expected	Got	
✓ Test case 1	2 A *	Integer Identifier Operator	Integer Identifier Operator	✓
✓ Test case 2	6 x +	Integer Identifier Operator	Integer Identifier Operator	✓

Passed all tests! ✓

Question author's solution (C):



Passed all tests! ✓

Question author's solution (C):

```
1 #include<stdio.h>
2 void getDoubleValue(int F){
3     F = F*2;
4     printf("F(Formal Parameter) = %d\n",F);
5 }
6 int main(){
7     int A;
8     scanf("%d", &A);
9     getDoubleValue(A);
10    printf("A(Actual Parameter) = %d\n",A);
11    return 0;
12 }
```

Marks for this submission: 1.00/1.00.

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