SCSA2602-Compiler Design Lab

Started on	Tuesday, 11 January 2022, 2:00 PM
State	Finished
Completed on	Tuesday, 11 January 2022, 2:07 PM
Time taken	7 mins 1 sec
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 %)

```c
#include<stdio.h>
void change(int num) {
    num = num * 2;
    printf("F(Formal Parameter) = %d\n", num);
}

int main() {
```

Quiz navigation

1

Finish review

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Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
void change(int num) {
    num = num * 2;
    printf("F(Formal Parameter) = %d\n", num);
}

int main() {
    int x, n;
    scanf("%d", &x);
    n = x;
    change(x);
    printf("A(Actual Parameter) = %d", n);
    return 0;
}
```

Quiz navigation

1

Finish review

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Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
void change(int num) {
    num = num * 2;
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int main() {
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    n = x;
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    printf("A(Actual Parameter) = %d", n);
    return 0;
}
```

	Test	Input	Expected	Got	
✔	Test case 1	5	F(Formal Parameter) = 10 A(Actual Parameter) = 5	F(Formal Parameter) = 10 A(Actual Parameter) = 5	✔
✔	Test case 2	6	F(Formal Parameter) = 12 A(Actual Parameter) = 6	F(Formal Parameter) = 12 A(Actual Parameter) = 6	✔

Passed all tests! ✔

Question author's solution (C):

✔	Test case 1	5	F(Formal Parameter) = 10 A(Actual Parameter) = 5	F(Formal Parameter) = 10 A(Actual Parameter) = 5	✔
✔	Test case 2	6	F(Formal Parameter) = 12 A(Actual Parameter) = 6	F(Formal Parameter) = 12 A(Actual Parameter) = 6	✔

Passed all tests! ✔

Question author's solution (C):

```c
#include<stdio.h>
void getDoubleValue(int F){
   F = F*2;
   printf("F(Formal Parameter) = %d\n",F);
}
int main(){
   int A;
   scanf("%d", &A);
   getDoubleValue(A);
   printf("A(Actual Parameter) = %d\n",A);
   return 0;
}
```

Correct

Marks for this submission: 1.00/1.00.

Finish review