



Assignment1

1. Write a program to read 3 marks for a student and find the average mark.

```
int main() {  
    int num1, num2, num3;  
    for(int x =1 ; x <=3 ; x++){  
        printf("Pleas Enter number %d:\n", x);  
        switch(x) {  
            case 1:scanf("%d" , &num1);break;  
            case 2:scanf("%d" , &num2);break;  
            case 3:scanf("%d" , &num3);break;  
            default:printf("other !!!!");  
        }  
    }  
    int result = (num1+num2+num3) / 3;  
    printf("-----\n\n");  
    printf("your avarage is : %d\n" , result);  
    return 0;  
}
```

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2. Write a program to read 2 numbers then swap the values of these two numbers.

```
int main() {
    int num1, num2, swap;

    for(int x =1 ; x <=2 ; x++){
        printf("Pleas Enter number %d:\n", x);
        switch(x) {
            case 1:scanf("%d" , &num1);break;
            case 2:scanf("%d" , &num2);break;
            default:printf("other !!!!");
        }
    }
    swap = num1;
    num1 = num2;
    num2 = swap;
    printf("-----\n\n");
    printf("Number one is : %d\n " , num1 );
    printf("Number two is : %d\n |" , num2 );
    return 0;
}
```

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Choose the correct answer:

1. Which of the following is used for comments in C?

- a) `/* comment */`
- b) `// comment */`
- c) `// comment`
- d) both `// comment` or `/* comment */`

2. What is the output of below program?

```
int main()  
{  
    int a = 10;  
    printf ("%d\n", a++ );  
    return 0;  
}
```

- (A) 10
- (B) 11
- (C) 12
- (D) Not defined

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3. What is the value of a in below program?

```
int main()
{
int a, b=20;
a = 90/b;
return 0;
}
```

(A) 4.5

(B) 4.0

(C) 4

(D) Compilation Error

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