

Practice 02 (Dated: 19-02-2020)

1. Write programs to generate output using print statements:

a. This is "programming" class.
We are using printf() statement.
\n is used to move to next line.

b. Here, I am printing \n \t \r.

c. This is clear
To me not clear
From Hamid ok

2. Write outputs of following codes then check your output by running these statements. Statements may have errors, in case of error specify "ERROR".

a. printf("X/Y=2");
b. printf("X\Y=2");
c. printf("The rate is \"very\" high\n");
d. printf("We (I & Amjad) going together.\n");
e. printf("1\n2\n3\n4\n5\n");
f. printf("1\n2 3\n\n4 5 6\n7 8 9 10\n");
g. printf("%d\n",5+2*3);
h. printf("%d\n",(5+2)*3);
i. printf("%d\n",5/2);
j. printf("%d\n",5%2);
k. printf("%d\n",10*'A');
l. printf("%d\n",'A'%26);
m. printf("%d",printf("programming"));

3. Write C programs, first is written for you:

a. Initialize two integer variable with values 10 & 5 respectively, find their sum, difference, & product

```
#include<stdio.h>
int main(){
    int a=10, b=5;
    printf("Sum:%d\n",a+b);
    printf("Difference:%d\n",a-b);
    printf("Product:%d\n",a*b);
    return 0;
}
```

b. Initialize two integer variable a & b with values 2 & 4 respectively, find their sum of squares

c. Initialize two integer variable a & b with values 6 & 2 respectively, find a/b

d. Initialize three integer variable a, b & c with any values (c must be non-zero), find $\frac{a+b}{c}$, please verify your answer?