2. 1. Compile and Execute the C program to calculate Arithmetic Operators Functions such as Pow(x,n), Add(x,n), Sub(x,n), Mul(x,n), Div(x,n), where x and n are the two operands. Get the input and choice from the user.

Sample Input:

X = 2

N = 4

Choice : 2

Sample Output:

Add(X,N)=6

#include <stdio.h>

#include<math.h>

int main() {

int x,n,c,r=0;

scanf("%d",&x);

scanf("%d",&n);

scanf("%d",&c);

switch(c){

case 1:

r=pow(x,n);

break;

case 2:

r=x+n;

break;

case 3:

r=x-n;

break;

case 4:

r=x\*n;

break;

case 5:

r=x/n;

break;

}

printf("%d",r);

return 0;

}

Output

x=2

n=4

c=2

6