Q. 1 - 1+2+3+4+ …. N

Int n,t,a;

Cin>>n; // input

T=0;

For (a=1; a<=n; a++)

T = t+a;

Cout<<t;

Q.2 – 1\*2\*3\*…n

Int n,t,a;

Cin>>n; // input

T=1;

For (a=1; a<=n; a++)

T = t\*a;

Cout<<t;

#include <iostream>

using namespace std;

int main()

{

int n,a,t;

cout<<"Enter the value of N ";

cin>>n;

t=0;

for (a=1; a<=n; a++)

t = t + a;

cout<<t;

}

1\*2\*3\*4 = Factorial of 4 !4

N^x = 2^3 = 2\*2\*2 ??????

1. We have 2 variables, n and x
2. N^x - n will multiply x times 2^4 = 2\*2\*2\*2
3. Input ‘n’ and ‘x’
4. Now 1 to x times
5. N^x = n\*n\*n\*n…x

Cin>>n

Cin>>x;

T=1;

For (a=1; a<=x; a++)

t = t \* n;

cout<<t;

#include <iostream>

using namespace std;

int main()

{

int n,x,a,t;

cout<<"Enter the value of N ";

cin>>n;

cout<<"Enter X ";

cin>>x;

t=1;

for (a=1; a<=x; a++)

t = t \* n;

cout<<t;

}

Q.1 – 1+2+3+4+ … n

Q.2 - !1 + !2 + !3 + …. !n

Q.3 – 2^1 + 2^2 + 2^3 …… 2^n

Q. 4 – 1/!1 + 2/!2 + 3/!3 …. n/!n

Q. 5 2^1/!1 + 2^2/!2 + 2^3/!3 + …. 2^n/!n