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**Write a program the number of factorial function**

#include <iostream>

using namespace std;

class factorial {

int f, i, n;

public:

void fact();

void display();

};

void factorial::fact()

{

f = 1;

cout << "enter a number\n";

cin >> n;

for (i = 1; i < +n; i++) {

f = f \* 1;

}

}

void factorial::display()

{

cout << "factorial of" << n << "is" << f;

}

int main()

{

factorial ob;

ob.fact();

ob.display();

return (0);

}

**Output**

enter a number

4

factorial of 4 is=24