

CODE :

```
#include <iostream>
#include <math.h>
using namespace std;
class c1
{
    public:
        c1();
        ~c1();
        void input(int*, int*, int*);
        float process(int*, int*, int*);
        void output(float*);
    private:
};
c1::c1()
{
    cout << "*** START OF PROGRAM ***\n\n";
};
c1::~c1()
{
    cout << "\n\n*** END OF JOB ***";
};
void c1::input(int*a, int*b, int*c)
{
    cout << "Enter Amount Value = ";
    cin >> *a;
    cout << "Enter Rate Value (IN PERENTAGE) = ";
    cin >> *b;
```

```

        cout << "Enter Period Value (IN YEARS) = ";
        cin >> *c;
    };
float c1::process(int*a, int*b, int*c)
{
    cout << "\n find Loan Payment ..... \n";
    float p = 0.0;
    p = (*b/100.0 * (*a)) / (1-pow((1.0 + (*b/100.0)),-1.0 *
*c));
    return p;
};
void c1::output(float*p)
{
    cout << "\n Loan payment = " << *p;
}
int main()
{
    c1 o1;
    int a = 0;
    int b = 0;
    int c = 0;
    float p = 0;
    o1.input(&a, &b, &c);
    p = o1.process(&a, &b, &c);
    o1.output(&p);
}

```

PRINT:

*** START OF PROGRAM ***

Enter Amount Value = 10000

Enter Rate Value (IN PERENTAGE) = 5

Enter Period Value (IN YEARS) = 6

Find Loan Payment

Loan payment = 1970.17

*** END OF JOB ***