**Practical 1: Write a program to find Simple Interest and Compound Interest**

#include"iostream"

using namespace std;

#include<math.h>

void ci(float p, float r, float t, float n);

void si(float p, float r, float t);

int main()

{

float p,r,n,t;

cout<<" Enter Principle Amount : ";

cin>>p;

cout<<" Enter Rate of Interest : ";

cin>>r;

cout<<" Enter Number of Years : ";

cin>>t;

cout<<" Enter Number of times compounded annually : ";

cin>>n;

ci(p,r,t,n);

si(p,r,t);

return 0;

}

void ci(float p, float r, float t, float n)

{

float ci;

ci=(p\* ( pow((1+(r/n)) ,(n\*t)) ) );

cout<<"\n Compound Interest : "<<ci;

}

void si(float p, float r, float t)

{

float si;

si=((p\*r\*t)/100);

cout<<"\n Simple Interest : "<<si;

}

**Output:**

