**TASK-07**

Membership Fee Increase

**EXPLANATION:**

A country club, Which currently charges Rs. 2500 per year for a membership, has announced it will increase its membership 4% each year for the next six years. Write a program that uses while loop to display projected rates for the next six years.

**INPUT:**

#include <iostream>

#include <stdlib.h>

#include <conio.h>

#include <windows.h>

#include <cmath>

using namespace std ;

int main ()

{

float charge = 2500.0 , increased\_charge , x = 0 ;

cout << "Charges for next 6 years is : " << endl ;

int i = 1 ;

while ( i <= 6 )

{

increased\_charge = charge + x ;

x = increased\_charge \* 4 / 100 ;

charge = increased\_charge ;

i++ ;

Sleep (700) ;

cout << "Year " << i << " : Charge is " << increased\_charge << " Rs " << endl ;

}

system ("pause") ;

}

**OUTPUT:**

