**TASK-10**

**Box Office.**

**EXPLANATION:**

The program takes the input from the user to input the movie name, and then displays the name of the movie and the revenue that was generated by the theater and the net gross profit and the money paid to the movie distributor.

**INPUT:**

#include <iostream>

#include <stdlib.h>

#include <conio.h>

#include <string.h>

using namespace std;

int main()

{

a:

int child\_tickets = 127 , adult\_tickets = 382 , above\_60\_tickets = 10 ;

int child = 250 , adult = 500 , gross , net , paid ;

float adult\_60\_plus ;

string movie\_name ;

adult\_60\_plus = adult \* 10 / 100 ;

cout << "Please enter movie name : " ;

cin >> movie\_name ;

system ("CLS") ;

gross = child \* child\_tickets + adult \* adult\_tickets + above\_60\_tickets \* adult\_60\_plus ;

net = gross \* 20 / 100 ;

paid = gross - net ;

cout << "Movie name " << movie\_name << endl ;

cout << "Adult tickets sold " << adult\_tickets << endl ;

cout << "Child tickets sold " << child\_tickets << endl ;

cout << "Above 60 adult tickets sold " << above\_60\_tickets << endl ;

cout << "Gross profit " << gross << " Rs " << endl ;

cout << "Net profit " << net << " Rs " << endl ;

cout << "Ammount paid to distributor " << paid << " Rs " <<endl ;

getch() ;

system ("CLS") ;

goto a ;

}

**OUTPUT:**

