**TASK-17**

**Stock Transaction Program.**

**EXPLANATION:**

Write a program that displays the following information 

The amount of money Kathryn paid for the stock 

The amount of commission Kathryn paid her broker when she bought the stock 

The amount that Kathryn sold the stock for 

The amount of commission Kathryn paid her broker when she sold the stock 

Display the amount of profit that Kathryn made after selling her stock and paying the two commissions to her broker. (If the amount is in negative then it means Kathryn lost money on transaction)

**INPUT:**

#include <iostream>

#include <iomanip>

#include <cmath>

#include <conio.h>

#include <stdlib.h>

#define pi 3.14

using namespace std;

int main()

{

a:

double no\_of\_shares = 1000 ;

double buying\_price\_per\_stock = 32.87 , commission = 2 , bought , sold , selling\_price\_per\_stock = 0.35

, commission\_price\_1 , commission\_price\_2 ,

profit ;

commission\_price\_1 = no\_of\_shares \* buying\_price\_per\_stock \* ( commission / 100 ) ;

bought = no\_of\_shares \* buying\_price\_per\_stock ;

commission\_price\_2 = no\_of\_shares \* selling\_price\_per\_stock \* (commission / 100) ;

sold = no\_of\_shares \* selling\_price\_per\_stock ;

profit = sold - ( commission\_price\_1 + commission\_price\_2 ) ;

cout << "Kathryn paid for stock : " << bought << " Rs " << endl << endl ;

cout << "Commission Kathryn paid her broker when she bought the stock : " << commission\_price\_1 << " Rs " << endl << endl ;

cout << "Kathryn sold the stock for : " << sold << " Rs " << endl << endl ;

cout << "Commission Kathryn paid her broker when she sold the stock : " << commission\_price\_2 << " Rs " << endl << endl ;

cout << "Profit Kathryn made : " << profit << " Rs " << endl << endl ;

getch() ;

system ("CLS") ;

cout << "As the profit is in minus so Kathryn was at loss!!!!!! " << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl << endl ;

return 0 ;

}

**OUTPUT:**

