**TASK-11**

**EXPLANATION:**

Write a function that ask user to enter an item’s wholesale cost and its markup percentage. It should then display the items retail price. For example **1.** If an items’ wholesale cost is 5.00 and its markup percentage is 100%, then the items’ retail price is 10.00.

**2.** If an items’ wholesale cost is 5.00 and its markup percentage is 50%, then the items’ retail price is 7.50.

The program should have a function named calculateRetail that receives the wholesale cost and markup percentage as argument and return the retail price of the item.

**Input validation**

do not accept negative values for either wholesale cost of item or percentage.

**INPUT:**

#include <iostream>

#include "abdullah"

using namespace std ;

void calculateRetail () ;

int main ()

{

bool flag = true ;

while ( flag )

{

calculateRetail () ;

flag = continuationLoop() ;

}

}

void calculateRetail ()

{

double wholesale\_cost , markup\_percentage ;

cout << "Please enter wholesale cost : " ;

while ( ! ( cin >> wholesale\_cost ) || wholesale\_cost < 1 )

{

cin\_clear () ;

cout << "Please enter wholesale cost : " ;

}

cout << "Please enter markup percentage : " ;

while ( ! ( cin >> markup\_percentage ) || markup\_percentage < 1 )

{

cin\_clear () ;

cout << "Please enter markup percentage : " ;

}

system ("cls") ;

double retail\_price = wholesale\_cost \* markup\_percentage / 100 + wholesale\_cost ;

cout << "The retail price of the item is : " << retail\_price << " Rs.";

}

**OUTPUT:**





