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**ITC**

**Q #2**

#include<iostream>

using namespace std;

void cupssold(string size,int noofcup = 0)

{

int count1 = 0;

int count2 = 0;

int count3 = 0;

cout << "noofcups=" << noofcup;

if (size == "small")

{

count1= count1 + noofcup;

}

cout << "TOTAL NO OF SMALL CUPS SOLD" << " " << count1 << endl;

if (size == "large")

{

count1= count1 + noofcup;

}

cout << "TOTAL NO OF medium CUPS SOLD" << " " << count2 << endl;

if (size == "large")

{

count3 = count3 + noofcup;

}

cout << "TOTAL NO OF large CUPS SOLD" << " " << count3 << endl;

}

void amount(string size,int noofcup)

{

int smallcupamount = 9;

int mediumcupamount = 12;

int largecupamount = 15;

if (size == "small")

{

smallcupamount = smallcupamount + noofcup;

cout << "AMOUNT OF SMALL CUPS" << " " << smallcupamount << endl;

}

if (size == "medium")

{

mediumcupamount = mediumcupamount + noofcup;

cout << "AMOUNT OF medium CUPS" << " " << mediumcupamount << endl;

}

if (size == "large")

{

largecupamount = largecupamount + noofcup;

cout << "AMOUNT OF large CUPS" << " " << largecupamount << endl;

}

}

void money(string size,int noofcup, float smallcup = 1.75,float mediumcup = 1.90, float largecup = 2.00)

{

if (size == "small")

{

smallcup = smallcup \* noofcup;

cout << "TOTAL MONEY OF SMALL CUPS of coffee" << " " << smallcup<< endl;

}

if (size == "medium")

{

mediumcup = mediumcup \* noofcup;

cout << "TOTAL MONEY OF medium CUPS of coffee" << " " << mediumcup << endl;

}

if (size == "large")

{

largecup = largecup \* noofcup;

cout << "TOTAL MONEY OF large CUPS of coffee" << " " << largecup << endl;

}

}

int main()

{

int option = 0;

const float smallcup = 1.75&;

const float mediumcup = 1.90&;

const float largecup = 2.00&;

string size;

int noofcup;

cout<<"enter size of coffee" << endl;

cin>>size;

cout<<"enter no of cups" << endl;

cin>>noofcup;

cout<<"press 1 to check total no of cups of eaach size sold" << endl;

cout<<"press 2 to check total amount of coffee sold" << endl;

cout<<"press 3 to check total money made" << endl;

cin>>option;

if (option == 1)

{

cupssold(size,noofcup);

}

if (option == 2)

{

amount(size, noofcup);

}

if (option == 3)

{

money(size, noofcup, smallcup, mediumcup, largecup);

}

}