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BIT3106 - CAT

Due Date: Nov 15, 2019 6:10 PM

To Design and Write a C++ program which accepts an amount on money entered in kshs, if

the amount is greater or equals to 1000 shs, a 5% discount is given to the customer. It should

also display the amount the customer has to pay.

#include <iostream>

int main()

{

int amount;

int discount = 0.15;

std::cout << "Enter amount (Ksh):";

std::cin >> amount;

int afterDiscount = amount - (amount \* discount / 100);

std::cout << "After discount you should pay: " << afterDiscount;

}

Given a= x 5 + y 6 /3 write a program that allow user to enter the values of x and y and give output of a and b

To write a Java program that computes compound interest (compounded yearly) using following

formula A=P(1+r) n . P is original amount invested, r is annual interest, n is number of years, A is amount at end of nth year. The user enters P, r and n and results for various years are displayed on the screen.

import static java.lang.Math.pow;

class CompundInterest

{

public static void main(String args[])

{

double amount=0,principle,rate,time,ci,t=1;

Scanner sc=new Scanner(System.in);

System.out.println("enter principle P ");

principle=sc.nextDouble();

System.out.println("enter rate R");

rate=sc.nextDouble();

System.out.println("enter time N");

time=sc.nextDouble();

rate=(1+rate/100);

for(int i=0;i<time;i++)

t\*=rate;

amount=principle\*t;

System.out.println("amount="+amount);

ci=amount-principle;

System.out.println("compound intrest="+ci);

}

}