CPP 1st Module Test set-A MM-40

Write a program that calculates whether a transaction is a profit or loss and by how much, based on the cost price and selling price:

* If selling price is greater than cost price, print the profit amount
* If selling price is less than cost price, print the loss amount
* If selling price is equal to cost price, print "No profit, no loss"

WAP to determine whether a number given by a user, is a prime number or not,

WAP to determine whether a number given by a user, contain digit 7 or not.

N=234 Answer : no

N=65676 Answer:yes

WAP to demonstrate the use of break and continue statement using appropriate program.

Also write their difference.

WAP to demonstrate use of switch statement if user enter

‘E’ display all even number upto 100.

‘O’ display all odd number upto 100.

CPP 1st Module Test set-B MM-40

Write a program that calculates the discount based on the purchase amount using the following criteria:

* Purchase amount up to 100: No discount
* Purchase amount from 101 to 500: 5% discount
* Purchase amount from 501 to 1000: 10% discount
* Purchase amount above 1000: 15% discount

WAP to display Fibonacci series up to n terms , but ignore all terms which is a multiple of 5, Example:

N=10

0 1 1 2 3 8 13 21 34 (5 is ignored)

N=12

0 1 1 2 3 8 13 21 34 89 (5 and 55 are ignored)

WAP to determine whether a number given by a user, is a palindrome number or not.

WAP to demonstrate the use of break and continue statement using appropriate program.

Also write their difference.

WAP to demonstrate use of switch statement if user enter

‘I’ start an infinite loop.

‘F’ display all number from 300 to 400 .(both number included)