AMPOMAH PETER (MR.PEE) INFOTESS @ HEART

PRINCIPLE OF PROGRAMMING

PSEUDOCODES

1. PERSONAL INFORMATION

Write a program that display the following information

i. Your name
ii. Your address, with city, region
iii. Your programme

Solution

Begin

Declare String name

Declare string city, region

Display "Enter your name"

Input name

Input name Display "Enter your city"

Input city

Display “Enter your region”

Input region

Display "my name is ", name, "your city : ", city " your region",region

End

2. SALES PREDICTION

A company has determined that its annual profit is typical 23 percent of total sales. Write a program that ask the user to enter the projected amount of total sales ,then display the profit that will be made from the amount.

Hint: use the value 0.23 to represent 23 percent .

Solution

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Begin

Declare Real Amount

Declare Real totalSales

Display "Enter amount"

Input Amount

Set totalSales = 0.23 * Amount

Display "The annual profit of the company is ", totalSales

End

3. One acre of land is equivalent to 43.560 square feet. Write a program that asks the user to enter the total square feet in attract of land and calculate the number of acres in the tract.
   Hint: Divide the amount entered by 43,560 to get the number of acres

Solution

Begin

Declare Real numberOfAcres

Constant Real oneAcre = 43560

Declare Real totalSquareFeet

Display "Enter total square feet of land"

Input totalSquareFeet

Set numberOfAcres = totalSquareFeet / oneAcre

Display "The number of acres in the land is ", numberOfAcres

End

4. Write an if statement that assigns 20 to the variable y, and assigns 40 to the variable z if the variable x is greater than 100.

Solution

Begin

If x > 100 then

Set Y = 20

Set Z = 40

End

5. Write an if-else statement that assigns 0 to the variable b if the variable a is less than 10 otherwise.it should assign 99 to the variable b

SOLUTION

Begin

If a < 10 then

Set B =0

Else

Set B =99

End if

End