Lab Module 3

Activity 2

i) Input : Number of excess minutes = a

Process : a x 0.35

Output : Total overage fee

ii) 1. Start

2. Get the number of excess minutes, a

3. Calculate Total overage fee = a \* 0.35

4. Display total overage fee

5. End

Get the number of excess minutes, a

Calculate Total overage fee = a \* 0.35

Display the total overage fee

Activity 3

1. Input : Celcius

Process : (9/5) x Celcius + 32

Output : Fahrenheit

1. Pseudocode
2. Start
3. Get a value for Celsius
4. Calculate Fahrenheit with the formula (9/5) x Celcius + 32
5. Display Fahrenheit
6. End

Get the value for celcius

Calculate Fahrenheit with the formula (9/5) x Celcius + 32

Display Fahrenheit

Activity 4

1. Pseudocode
2. Start
3. Get F value
4. Get n value
5. Get r value
6. Calculate annual rate in decimals = r/100
7. Calculate the sum = 1 + r
8. Calculate P using formula P= [F/(1+r)2 ] \* n. Using values from 5) and 6).
9. Display P
10. End

Get F

Get r

Get n

Calculate annual rate in decimals = r/100

Calculate the sum = 1 + r

Calculate P using formula P= [F/(1+r)2 ] \* n. Using values from 5) and 6).

Display P

Activity 5

1. Input : height and weight

Process : weight/height2

Output : BMI

1. Pseudocode
2. Start
3. Get weight
4. Get height
5. Calculate BMI = weight/height2
6. Display BMI
7. End

Get weight

Get height

Calculate BMI = weight/height2

Display BMI

Activity 6

1. Input : Price of product

Process : Price of product + (6/100 \* Price of product)

Output : total cost

1. Pseudocode
2. Start
3. Get the price if the product
4. Calculate total cost = Price of product + (6/100 \* Price of product)
5. Display total cost
6. End

Get the price if the product

Calculate total cost = Price of product + (6/100 \* Price of product)

Display total cost