

Ex1: Write a program that asks the user for the radius of the circle (r) and displays the diameter, circumference, and area. Use the value 3.14159 for π .

Use the following formulas (r is the radius): diameter = $2r$, circumference = $2\pi r$ and area = πr^2 .

Ex2: Write a program to get the user's name, age and income then display this data.

Ex3: Write a program that take an item's original price and calculate its sale price with 25% discount.

Hint:

- discount = original_price * 0.25
- sale_price = original_price – discount

Ex4: get a number of second from user and calculate this equivalent hours and minutes time.

For example: if you get total sconed = 3700
output must be

Hours: 1, minutes: 1, second: 40

Ex5: get 3 test score and assign to variables and calculate average of them.

Ex6: The area of a rectangle is the rectangle's length times its width. Write a program that asks for the length and width of two rectangles. The program should tell the user which rectangle has the greater area, or if the areas are the same.

Ex7: Write a Python program that accepts an integer (n) and computes the value of $n+nn+nnn$. Sample value of n is 5 Expected Result: 615

Ex8: in this program we take a temperature in degree Celsius and convert it into degree Fahrenheit.

Hint: $\text{Fahrenheit} = (\text{Celsius} * 1.8) + 32$

Ex9: Write a program to swap 2 variables.