

Calculations with Matlab

Part 1, (a) : 50.2041

Part 1, (b) : 11.0501

Part 2, (a) : 62.6899

Part 2, (b) : 2.1741

Part 3, (a) : False

Part 3, (b) : False

Part 4: 1183757.6774 Watts

Finding a Function

(a): round(X,N), round(12.45,0) = 12

(b): isprime(X), isprime(12) = 0

(c): clc

(d): date, date = 09-Sep-2017

Which is which?

(a): for, while, if

Enter first number to compare: 7

Enter second number to compare: 7

(b), (i): X = 7 , Y = 7 so: 0

Enter a number: 78

(b), (ii): sum = 3081

Enter a number: 87

(b), (iii): sum = 91

Temperature conversion

Code on a separate file

Fahrenheit temperature: 97

The temperature in Kelvin is 309.2611K

Financial Planing

Money = \$5427.4326

Money = \$213609.5698

MoneyA = \$112536.53 & MoneyB = \$30000

MoneyA = \$11123459.15 & MoneyB = \$11541036.45

A script for mass balances

Code on a separate file

10 L of water and streptomycin in.

The weight fraction of streptomycin in solvent is 0.016333

Coding (and debugging)

Code on a separate file

>>