Lab 2 notes

Write a script that calculates the volume of a sphere

Radius = input(‘Enter the radius of the sphere’);

disp((radius^3)\*(4/3)\*pi);

Write a script that calculates the area of a recgle, with the two edges being input by the u at runtime.

length = input(‘input the length ‘);

width = input(‘input the width ‘);

disp(lengt\*width);

Output staments

a = input(‘declare a ‘);

b = input(‘declare b ‘);

fprintf(‘The sum of %d and %d is %d.\n’,a,b,a+b);

Use the width option to print the follin3 numbers in a column aligned to the right (42 1024 5)

fprintf(‘The column is\n%10d\n%10d\n%10d\n’,42,1024,5);

Write a complete script that creates a row vector of all their numbers smaller than 10, and then prints them “clearly” on one line.

On the line above the numbers, there should be printed the word Primes.

fprintf(‘Primes’);

vec = [1 3 5 7];

fprintf(‘%d,’ ,vec(1:end-1))

fprintf(‘%d’,vec(end))

fprintf(‘\n’)