30-12-2017

MECE101 Make-up for Midterm

Name:

Surname:

Number:

Q1) Write a MATLAB function that finds the prime numbers until a number n. The function will have an input ‘n’ and an output ‘x’ such that x will be the vector containing prime numbers until n. The name of the function will be ‘finding\_prime\_numbers’

Example run: If n = 15 then the output x = [1 2 3 5 7 11 13]

Example run: If n = 17 then the output x = [1 2 3 5 7 11 13 17]

Write the code with minimal computation requirements **(100 points)**