SCS2111: Laboratory II

Lab Sheet 1

1. **Make script called "firstProgramme". When run, the script should display the following text:**

   Hello World!

   I am going to learn OCTAVE!

2. **Make script called "secondProgramme". Save the following scalar variables to the file that you created.**

   a. A = 105 b.

   B = 9.5 x 1035

   c. C = 7 + 5i d.

   D = 4 – 2i e.

   E = C – D

   Clear all environment variables from the work space. Then load all the variables to the workspace and check whether those variables are loading to the workspace or not.

3. **Vector variables. Append the following variables to the above file.**

   a. aVec = [5.3 3.4 6 23]

   b. bVec = [100 6 5.3 3.5

   c. cVec = [5 4.5 4 … -4.5 -5] (all the numbers from 5 to -5 in increments of -0.5)

   d. dVec = University of Colombo School of Computing (dVec is a string, which is a vector of characters)

4. Get and save the current date and time

   • Create a variable start using the function clock

   • What is the size of start? Is it a row or column?

• What does start contain? See help clock

• Convert the vector start to a string. Use the function datestr and name the new variable startString

• Save start and startString into a mat file named startTime