LAB 1

Task Set 1:

**(a)** Generate a matrix A with random data which has dimensions of 9x2, i.e.

with 9 rows and 2 columns. Verify that the dimensions of matrix A are as

desired.

>> A = rand(9,2)

A =

0.8147 0.9649

0.9058 0.1576

0.1270 0.9706

0.9134 0.9572

0.6324 0.4854

0.0975 0.8003

0.2785 0.1419

0.5469 0.4218

0.9575 0.9157

**(b)** Append the vector x = [􀀀10;100] as the 10th row of matrix A, and save

it as matrix B. Display the contents of matrix B.

>> x = [-10, -100]

x = -10 -100

>> B = [A;x]

B =

0.8147 0.9649

0.9058 0.1576

0.1270 0.9706

0.9134 0.9572

0.6324 0.4854

0.0975 0.8003

0.2785 0.1419

0.5469 0.4218

0.9575 0.9157

-10.0000 -100.0000

**(c)** Now remove the \_rst row of matrix B and display its contents.

B(1,:) = [ ]

B = 0.9058 0.1576

0.1270 0.9706

0.9134 0.9572

0.6324 0.4854

0.0975 0.8003

0.2785 0.1419

0.5469 0.4218

0.9575 0.9157

-10.0000 -100.0000