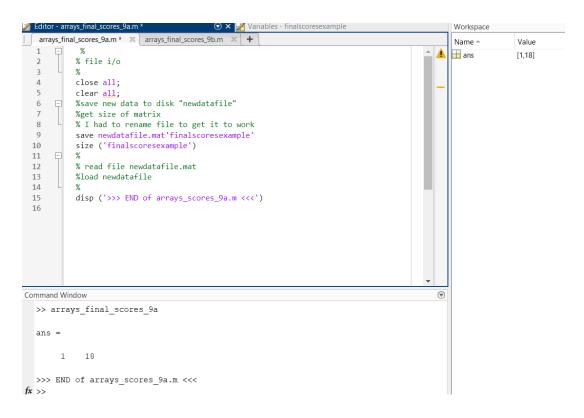
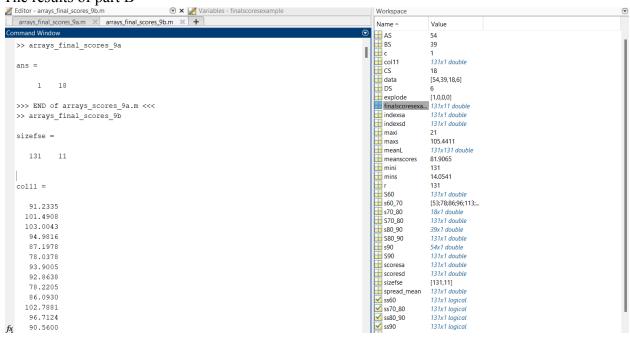
ECE 101 Matlab Assignment #5 Jerry Lu September 29, 2024

Part A



The results of part B



Part A gave results only for the matrix size, while Array
PartB gave us all the information and data calculations for the total, average, min, max, etc.
I could get the full picture of Part B, So I copied and pasted the data down right below, showcasing all the results given on Part B when I ran the code.

```
>> arrays final scores 9a
ans =
      18
   1
>>> END of arrays scores 9a.m <<<
>> arrays final scores 9b
sizefse =
 131 11
col11 =
 91.2335
 101.4908
 103.0043
 94.9816
 87.1978
 78.0378
 93.9005
 92.8638
 78.2205
 86.0930
 102.7881
 96.7124
 90.5600
 103.5578
 86.3514
 99.6259
 74.1708
```

91.3135

- 31.4314
- 85.2876
- 105.4411
- 98.2303
- 101.7935
- 83.0130
- 99.5622
- 85.9243
- 70.6886
- 99.6865
- 81.1676
- 102.8422
- 88.2032
- 83.8346
- 75.7297
- 93.7114
- 92.1622
- 76.2843
- 95.2605
- 86.3092
- 81.8108
- 95.8876
- 101.7200
- 75.8411
- 94.0670
- 26.5222
- 50.0541
- 81.8714
- 93.6432
- 81.6173
- 84.0724
- 20.0000
- 89.2281
- 90.0141
- 67.7027
- 88.8714
- 103.5978
- 84.2605
- 92.4281
- 90.4724

- 58.6335
- 93.1308
- 76.4508
- 84.6584
- 92.2130
- 91.9005
- 97.7124
- 75.5276
- 75.9470
- 94.2141
- 99.4908
- 81.2519
- 81.3730
- 104.3070
- 74.8108
- 77.7568
- 93.2249
- 87.5341
- 96.8432
- 63.0865
- 92.7968
- 90.0984
- 81.1351
- 97.8335
- 80.8584
- 92.9914
- 83.9427
- 65.1892
- 80.2162
- 84.4638
- 83.6530
- 88.5686
- 00.000
- 99.0768
- 84.6984
- 74.9232
- 81.0854
- 73.6389
- 65.6000
- 80.8335
- 86.3784

81.2389

88.1708

86.5232

36.0714

56.8292

77.6032

72.5795

86.3924

82.5546

42.5946

23.7838

90.8097

41.6216

93.8443

68.0789

62.4184

70.7157

87.3286

74.2962

96.2897

93.2941

91.2649

90.6086

20.0897

103.6897

98.6076

94.8649

91.9373

41.8638

37.0270

88.6876

93.6216

14.0541

r =

scoresa =

- 14.0541
- 20.0000
- 20.0897
- 23.7838
- 26.5222
- 31.4314
- 36.0714
- 37.0270
- 41.6216
- 41.8638
- 11.0050
- 42.5946
- 50.0541
- 56.8292
- 58.6335
- 62.4184
- 63.0865
- 65.1892
- 65.6000
- 67.7027
- 68.0789
- 70.6886
- 70.7157
- 72.5795
- 73.6389
- 74.1708
- 74.2962
- 74.8108
- 74.9232
- 75.5276
- 75.7297
- 75.8411
- 75.9470
- 76.2843

- 76.4508
- 77.6032
- 77.7568
- 78.0378
- 78.2205
- 80.2162
- 80.8335
- 80.8584
- 81.0854
- 81.1351
- 81.1676
- 81.2389
- 81.2519
- 81.3730
- 81.6173
- 81.8108
- 81.8714
- 82.5546
- 83.0130
- 83.6530
- 83.8346
- 83.9427
- 84.0724
- 84.2605 84.4638
- 84.6584
- 84.6984
- 85.2876
- 85.9243
- 86.0930 86.3092
- 86.3514
- 86.3784
- 86.3924
- 86.5232
- 87.1978
- 87.3286
- 87.5341
- 88.1708
- 88.2032

- 88.5686
- 88.6876
- 88.8714
- 89.2281
- 90.0141
- 90.0984
- 90.4724
- 90.5600
- 90.6086
- 90.8097
- 91.2335
- 91.2649
- 91.3135
- 91.9005
- 91.9373
- 92.1622
- 92.2130
- 92.4281
- 92.7968
- 92.8638
- 92.9914
- 93.1308
- 93.2249
- 93.2941
- 93.6216
- 93.6432
- 93.7114
- 93.8443
- 93.9005
- 94.0670
- 94.2141
- 94.8649
- 94.9816
- 95.2605
- 95.8876
- 96.2897
- 96.7124
- 96.8432
- 97.7124
- 97.8335

98.2303

98.6076

99.0768

99.4908

99.5622

99.6259

99.6865

101.4908

101.7200

101.7935

102.7881

102.8422

103.0043

103.5578

103.5978

103.6897

105.0077

104.3070

105.4411

indexsa =

131

50

122

109

44

19

102

128

111

127

108

45

103

59

114

78

86

scoresd =

105.4411

104.3070

103.6897

- 103.5978
- 103.5578
- 103.0043
- 102.8422
- 102.7881
- 101.7935
- 101.7200
- 101.4908
- 99.6865
- 99.6259
- 99.5622
- 99.4908
- 99.0768
- 98.6076
- 98.2303
- 97.8335
- 97.7124
- 96.8432
- 96.7124
- 96.2897
- 95.8876
- 95.2605
- 94.9816
- 94.8649
- 94.2141
- 94.0670
- 93.9005
- 93.8443
- 93.7114
- 93.6432
- 93.6216
- 93.2941
- 93.2249
- 93.1308
- 92.9914
- 92.8638
- 92.7968
- 92.4281
- 92.2130
- 92.1622

- 91.9373
- 91.9005
- 91.3135
- 91.2649
- 91.2335
- 90.8097
- 90.6086
- 90.5600
- 90.4724
- 90.0984
- 90.0141
- 89.2281
- 88.8714
- 88.6876
- 88.5686
- 88.2032
- 88.1708
- 87.5341
- 87.3286
- 87.1978
- 86.5232 86.3924
- 86.3784
- 86.3514
- 86.3092
- 86.0930
- 85.9243
- 85.2876
- 84.6984
- 84.6584
- 84.4638
- 84.2605
- 84.0724
- 83.9427
- 83.8346
- 83.6530
- 83.0130
- 82.5546
- 81.8714
- 81.8108

- 81.6173
- 81.3730
- 81.2519
- 81.2389
- 81.1676
- 81.1351
- 81.0854
- 80.8584
- 80.8335
- 80.2162
- 78.2205
- 78.0378
- 77.7568
- 77.6032
- 76.4508
- 76.2843
- 75.9470
- 75.8411
- 75.7297
- 75.5276
- 74.9232
- 74.8108
- 74.2962
- 74.1708
- 73.6389
- 72.5795
- 70.7157
- 70.6886 68.0789
- 67.7027 65.6000
- 65.1892
- 63.0865
- 62.4184
- 58.6335
- 56.8292
- 50.0541
- 42.5946
- 41.8638
- 41.6216

37.0270

36.0714

31.4314

26.5222

23.7838

20.0897

20.0000

14.0541

indexsd =

maxs =

105.4411

maxi =

mins =

14.0541

mini =

131

AS =

54

BS =

39

CS =

18

DS =

6

>>> END of arrays_final_scores_9b.m <<<

>>