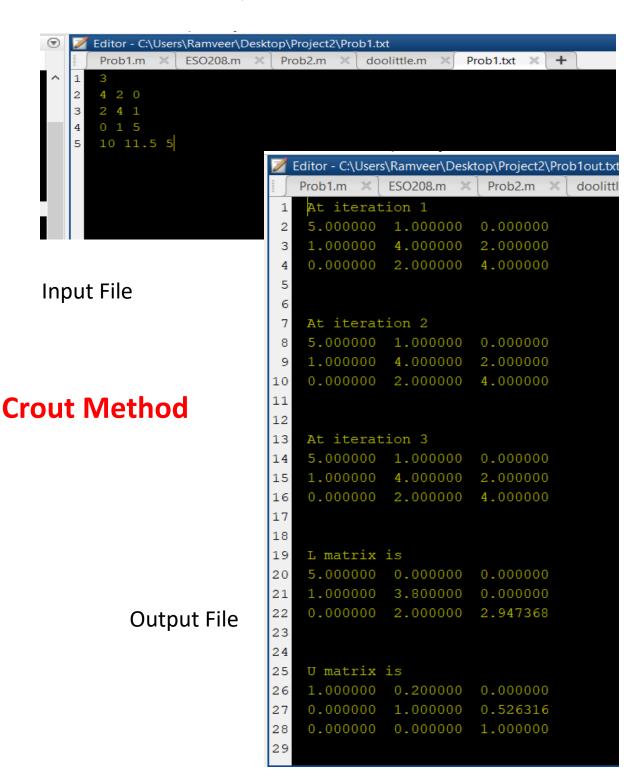
ESO208a Programming Assignment

Name:-Ramveer

Roll no:-180591

Section:- 05

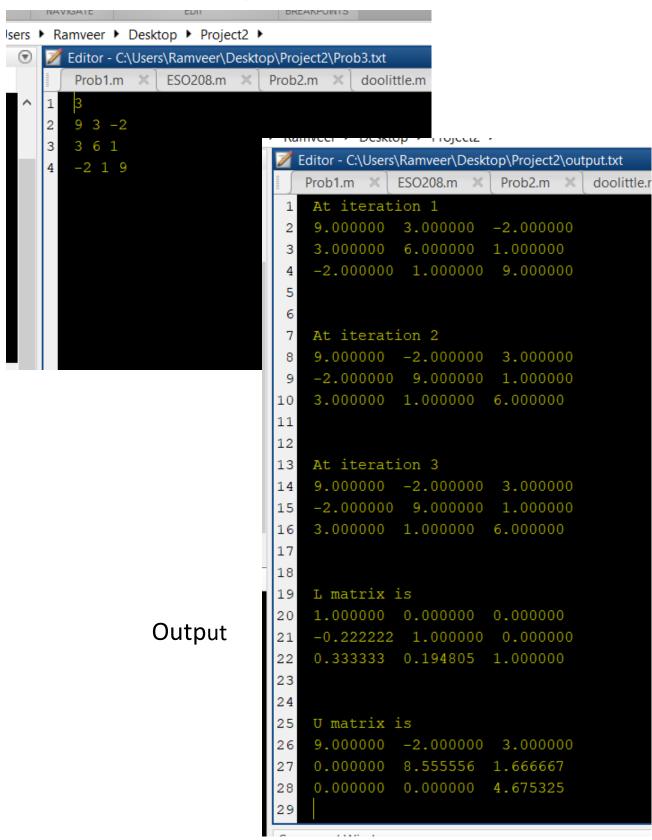


```
Sers Ramveer Desktop Project2 

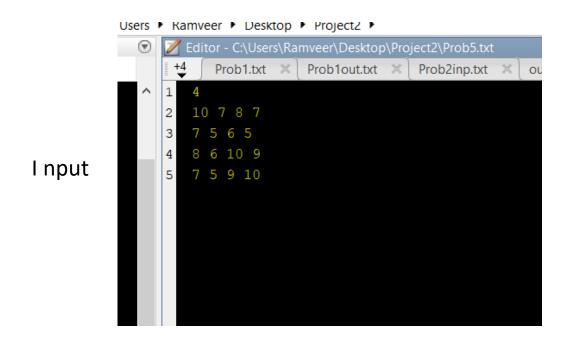
Editor - C:\Users\Ramveer\Desktop\Project2\output.txt

Prob1.m  ESO208.m Prob2.m doolittle.m

X=
2 0.896424
3 0.765130
4 0.614475
5
6
```



```
s ▶ Ramveer ▶ Desktop ▶ Project2 ▶
                                                                                  put.txt
                         Editor - C:\Users\Ramveer\Desktop\Project2\Prob4output.txt
                              doolittle.m
                                              Prob1.txt
                                                            Prob1out.txt
                                                                              Prob2
                      2
                          -1.933333
                      3
                          -0.866667
Output
                          -0.533333
                      5
                          0.733333
                      6
```



Output

```
NAVIGATE
                          EDIT
                                       BREAKPOINTS
▶ Users ▶ Ramveer ▶ Desktop ▶ Project2 ▶
          Editor - C:\Users\Ramveer\Desktop\Project2\output.txt
         +3
               Prob1.m ×
                          ESO208.m ×
                                        Prob2.m ×
                                                                  Prob1.txt ×
                                                    doolittle.m
             Inverse Matrix
         1
            25.000000 -41.000000 10.000000 -6.000000
         2
            -41.000000 68.000000 -17.000000 10.000000
         3
         4
            10.000000 -17.000000 5.000000 -3.000000
            -6.000000 10.000000 -3.000000 2.000000
         5
         6
```

Eigen Values: Ques no. 1

Users Ramveer Desktop Project2

Editor - C:\Users\Ramveer\Desktop\Project2\

+6 EigenProb1.txt Eigenprob1output

1 4
2 2 -1 0 0
3 -1 4 -1 0
4 0 -1 4 -1
5 0 0 -1 2
6 0.001

Output(a)

-0.203893

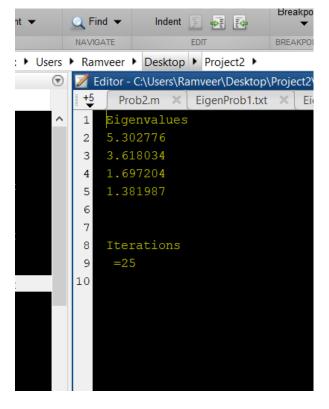
Iterations

10

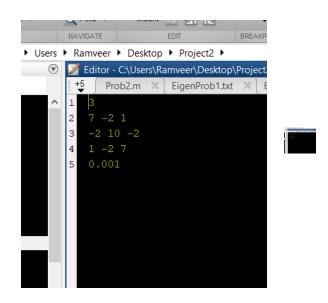
11

13 14

Output(b)



Eigen Values: Ques no. 2

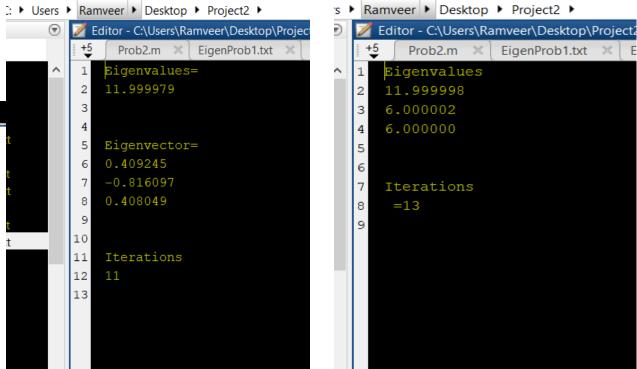


I nput

Output(a)

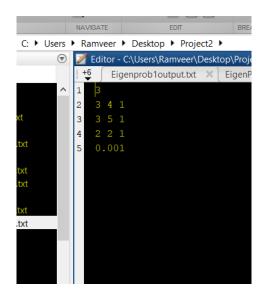
: ► Users ► Ramveer ► Desktop ► Project2 The description of the service of the

Output(b)



Eigen Values: Ques no. 3

I nput



Output(a)

Output(b)

