Ivani Patel
11809154

Assignment 16

Editor - C:\Users\ivani\OneDrive\Documents\MATLAB\ass16.m

Cholesky.m | ass15.m | backsub2.m | forsub.m | ass16.m | untitled5

```
1  A=[2,4,-2;4,9,-3;-2,-1,7];
2  b=[2;8;10];
3  [L,U,P]=lu(A);
4  newb=P*b;
5  y=forsub(L,newb);
6  x=backsub2(U,y);
7  test=A\b
```

Command Window

```
>> ass16

test =

    -7
     4
     0

fx >>
```