ME685 HW5

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The task is to solve for eigenvalues using **Power** and **Inverse-Power** Method.

The code is attached with the submission.

For the matrix given:

$$A = \begin{bmatrix} 0 & 2.3 & 0.4 \\ 0.6 & 0 & 0 \\ 0 & 0.3 & 0 \end{bmatrix}$$

A snapshot of the Result of the code:

```
aman@xps  ~/ME685  ./a.out
Maximum EigenValue=    1.20000839
Corresponding EigenVector=   0.888886690        0.444448799         0.111110784
Minimum EigenValue=    5.22774346E-02
Corresponding EigenVector=   -1.49558187E-02  0.171651945        -0.985044122
```