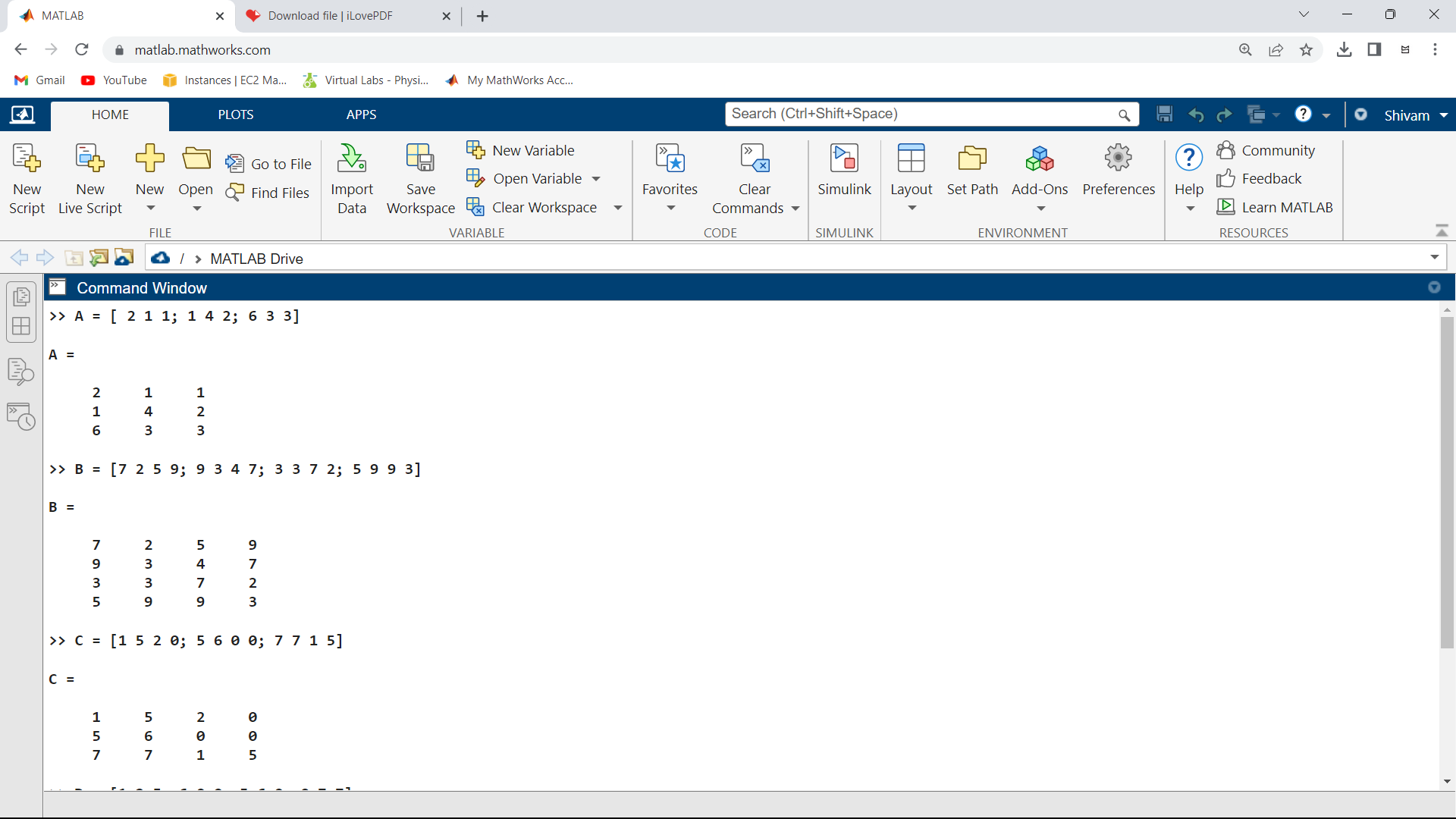
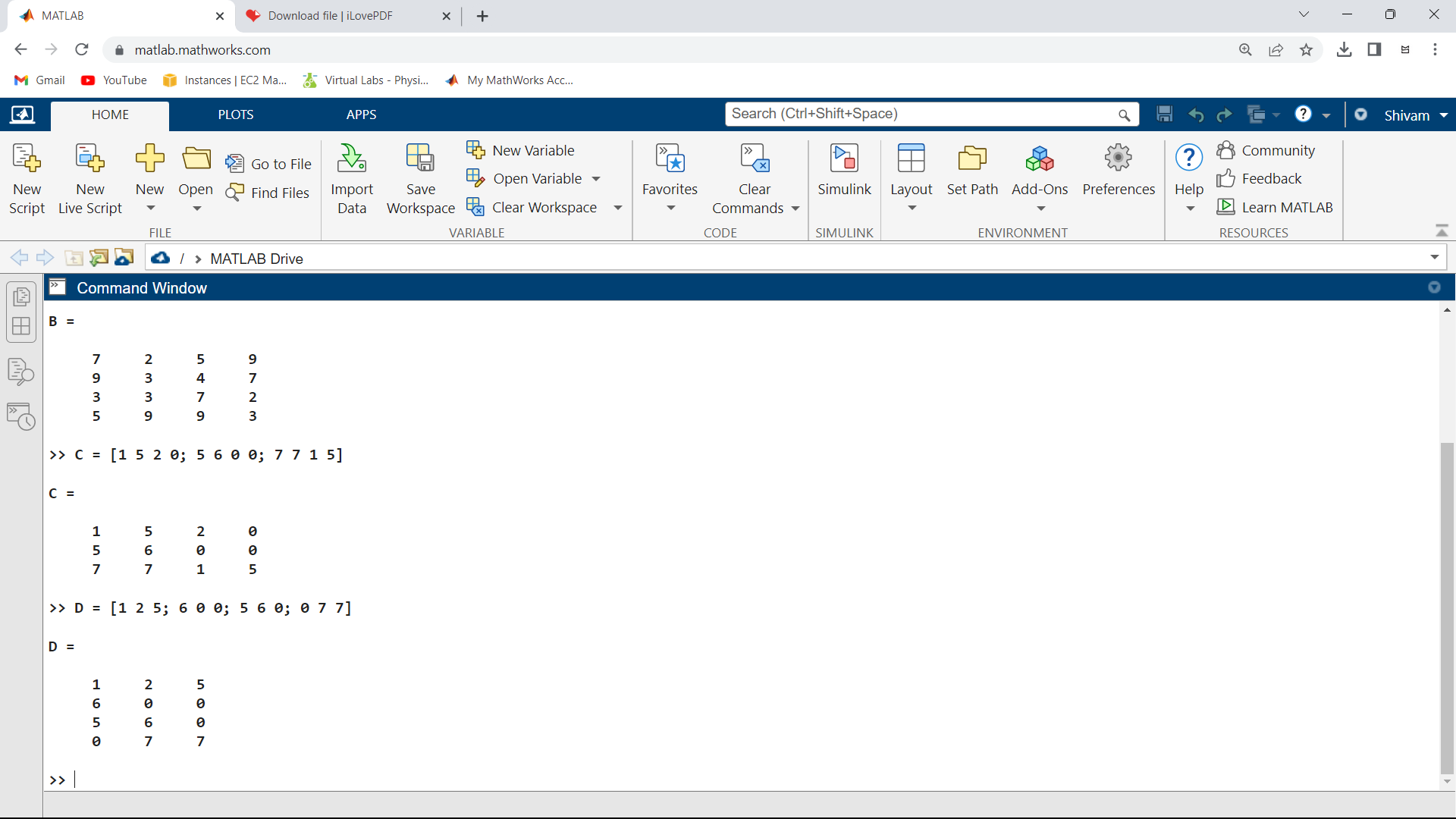
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| GCU – Alumni]=]  r |
| **Dr. A P J Abdul Kalam School of Engineering**  **I Semester, B.Tech in Computer Science and Engineering**  **(AL&ML, CS and DS)** |
| LAC SOFTWARE BASED LEARNING |
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| Name of the Student | MADIVALAYYA SWAMY |
| Section | C |
| Roll No | 22BTCS133 |
| Course Instructor | MRS.INDIRA.DEVI |

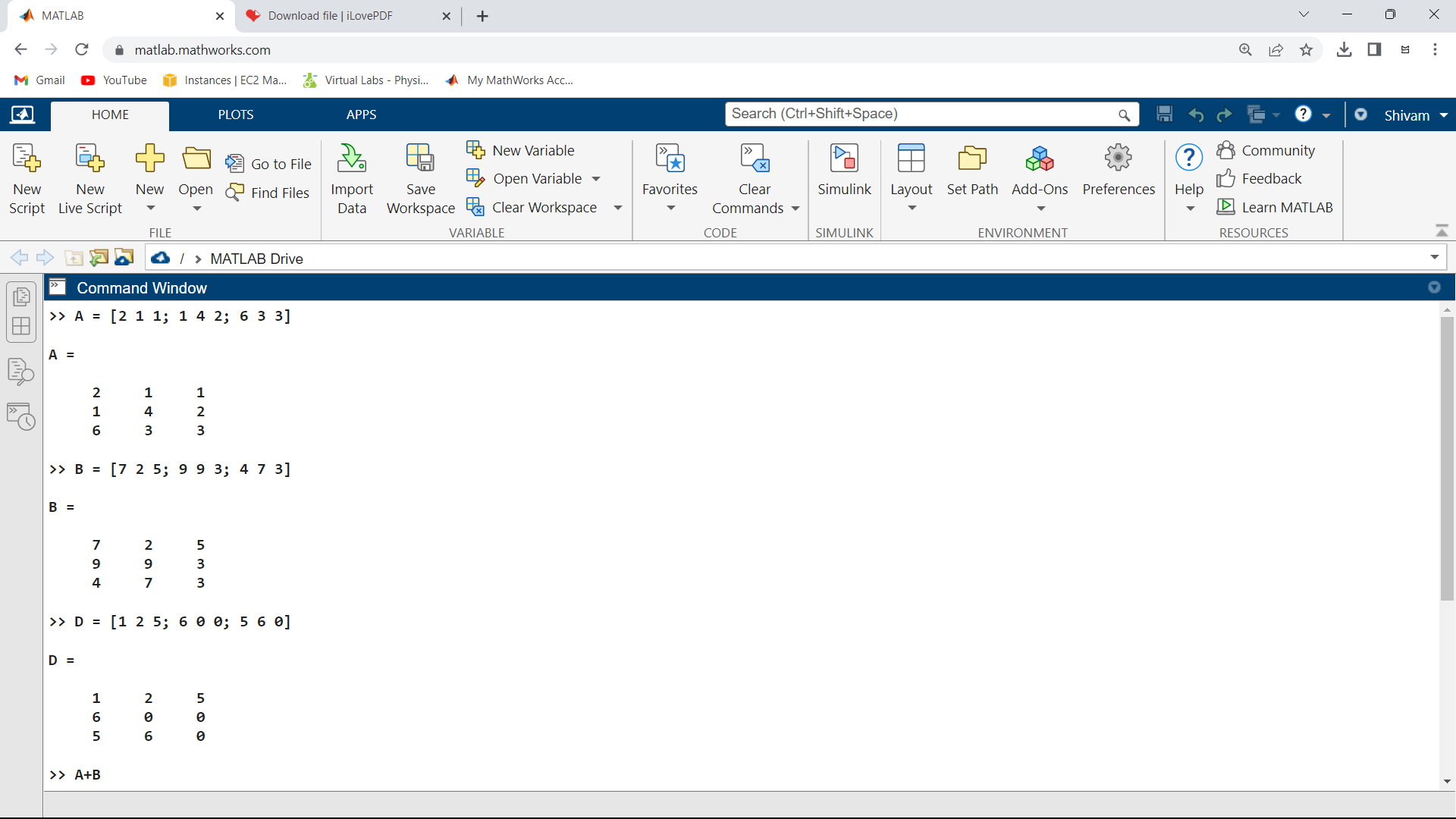
MODULE-1

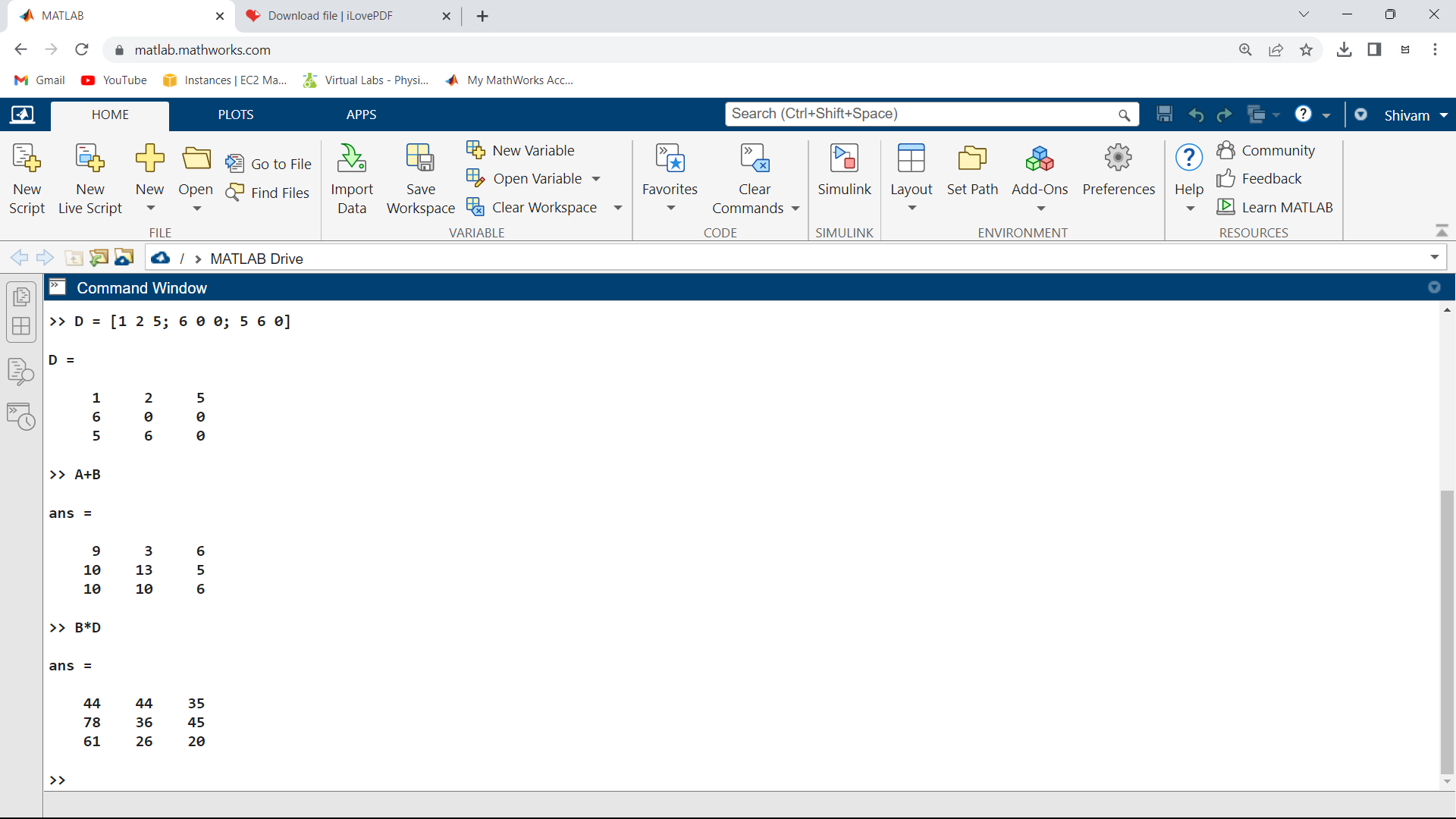
1. Create A=3\*3, B=4\*4 and C=3\*4 and D=4\*3 matrices in matlab



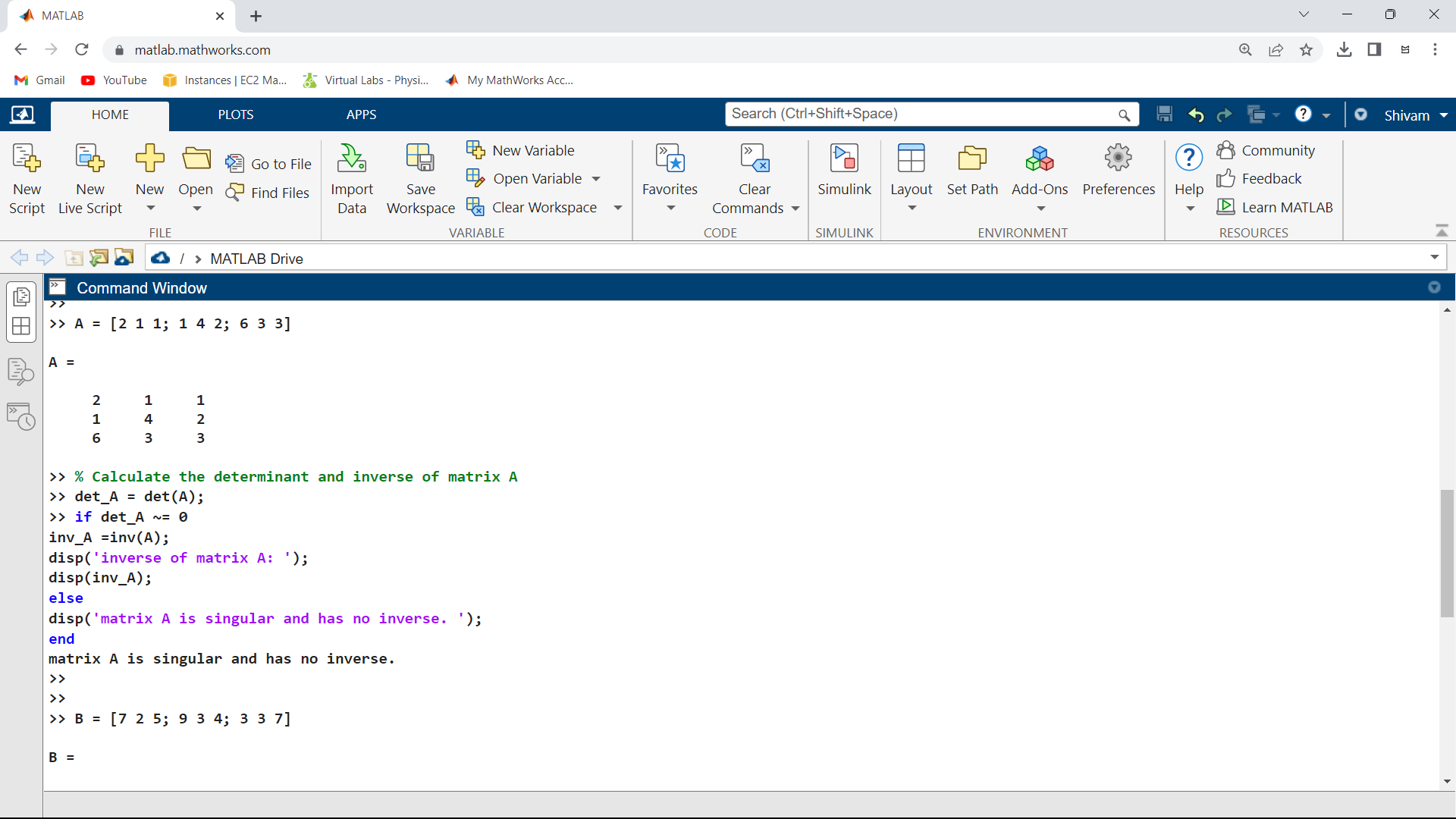


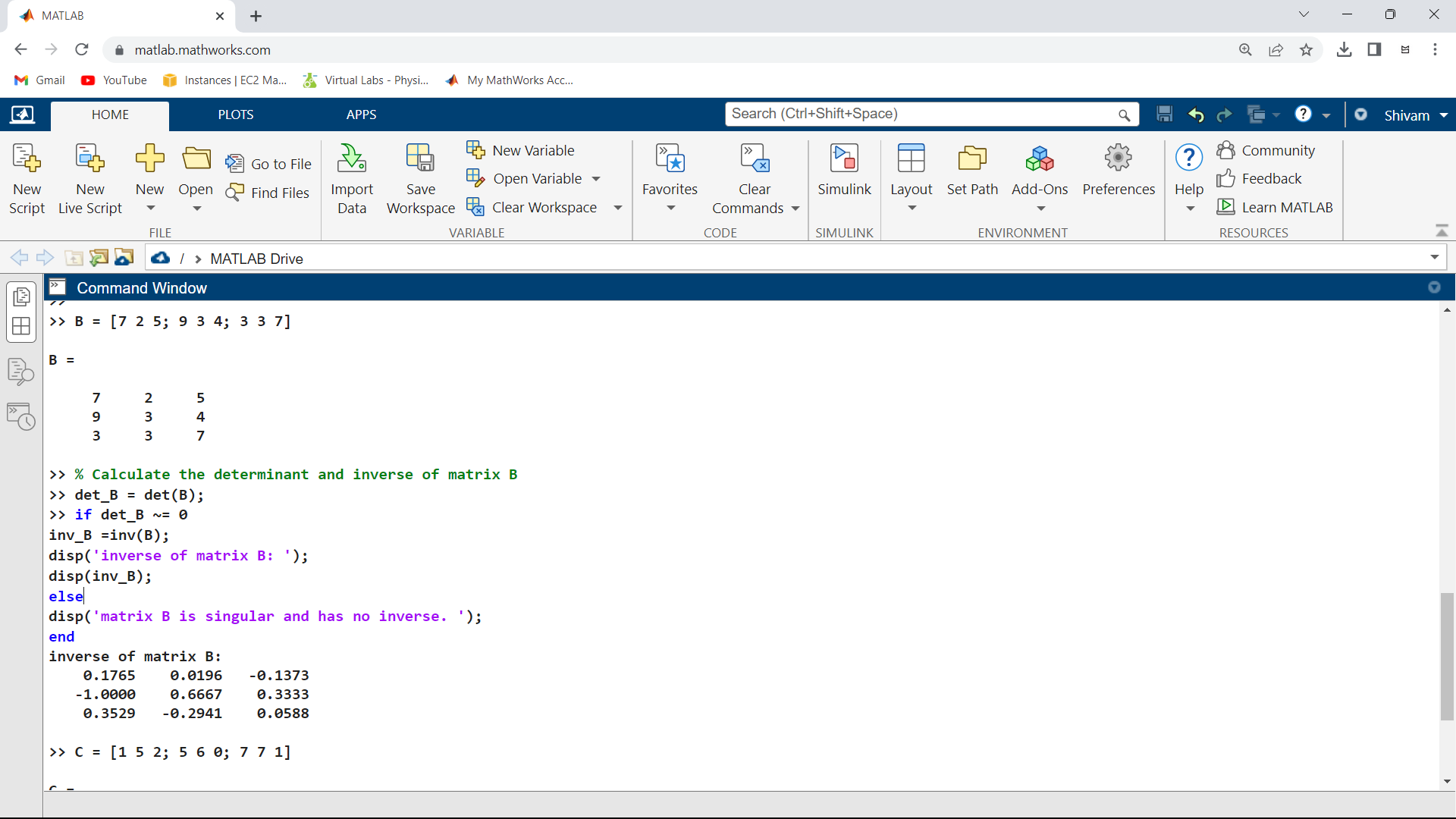
2. A+B and B\*D operations in matlab

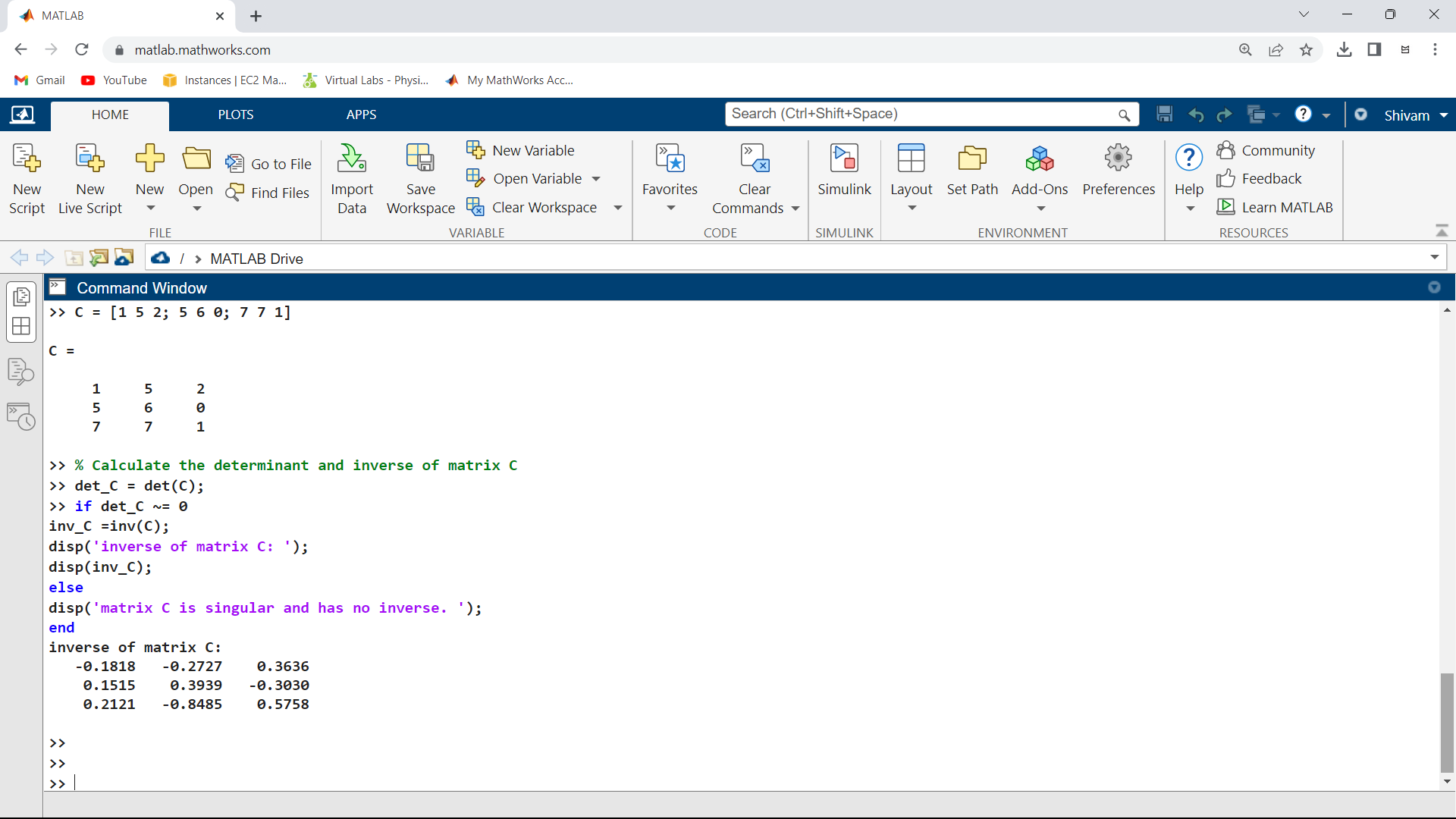


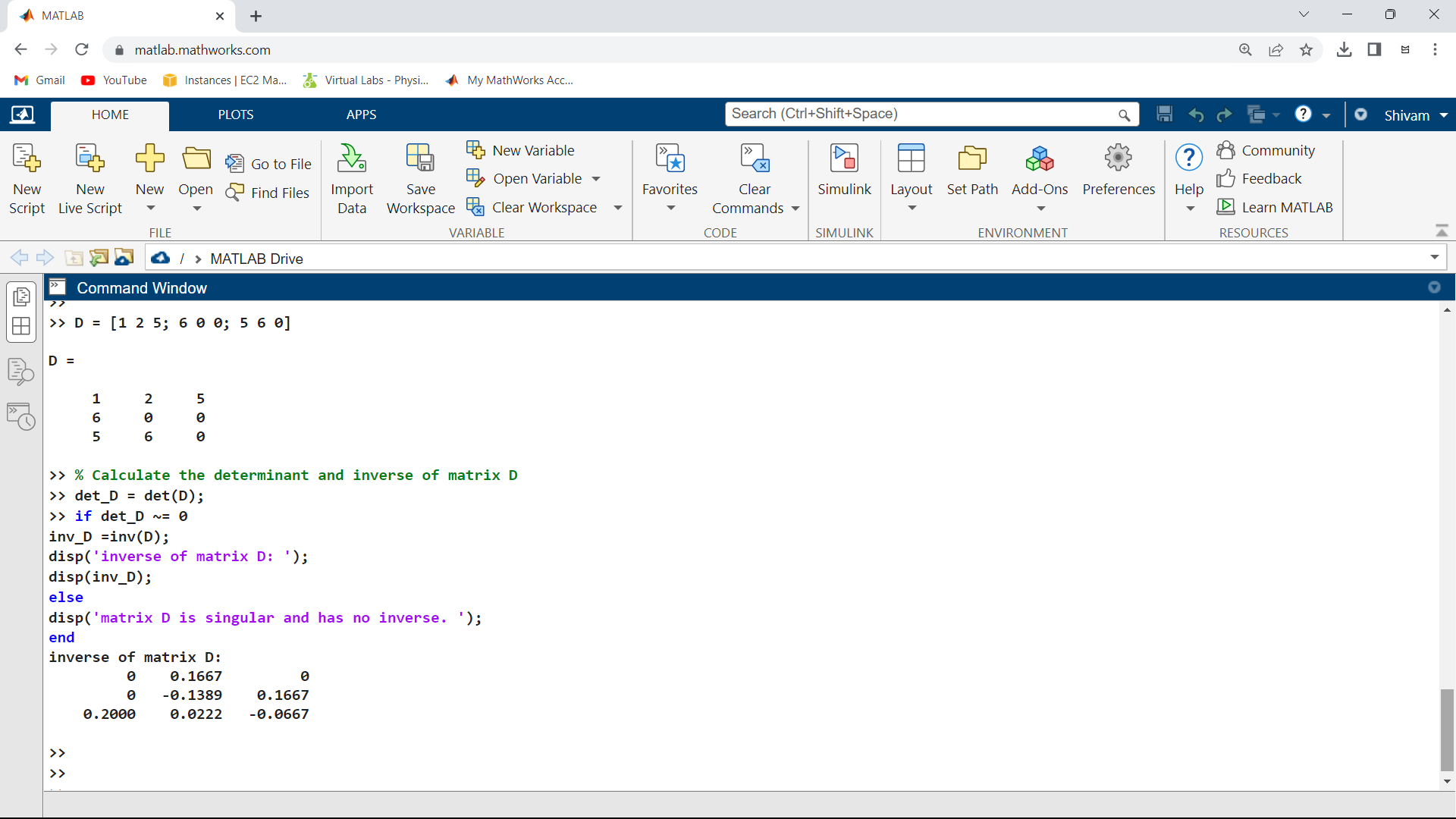


3. Determinant of all matrices

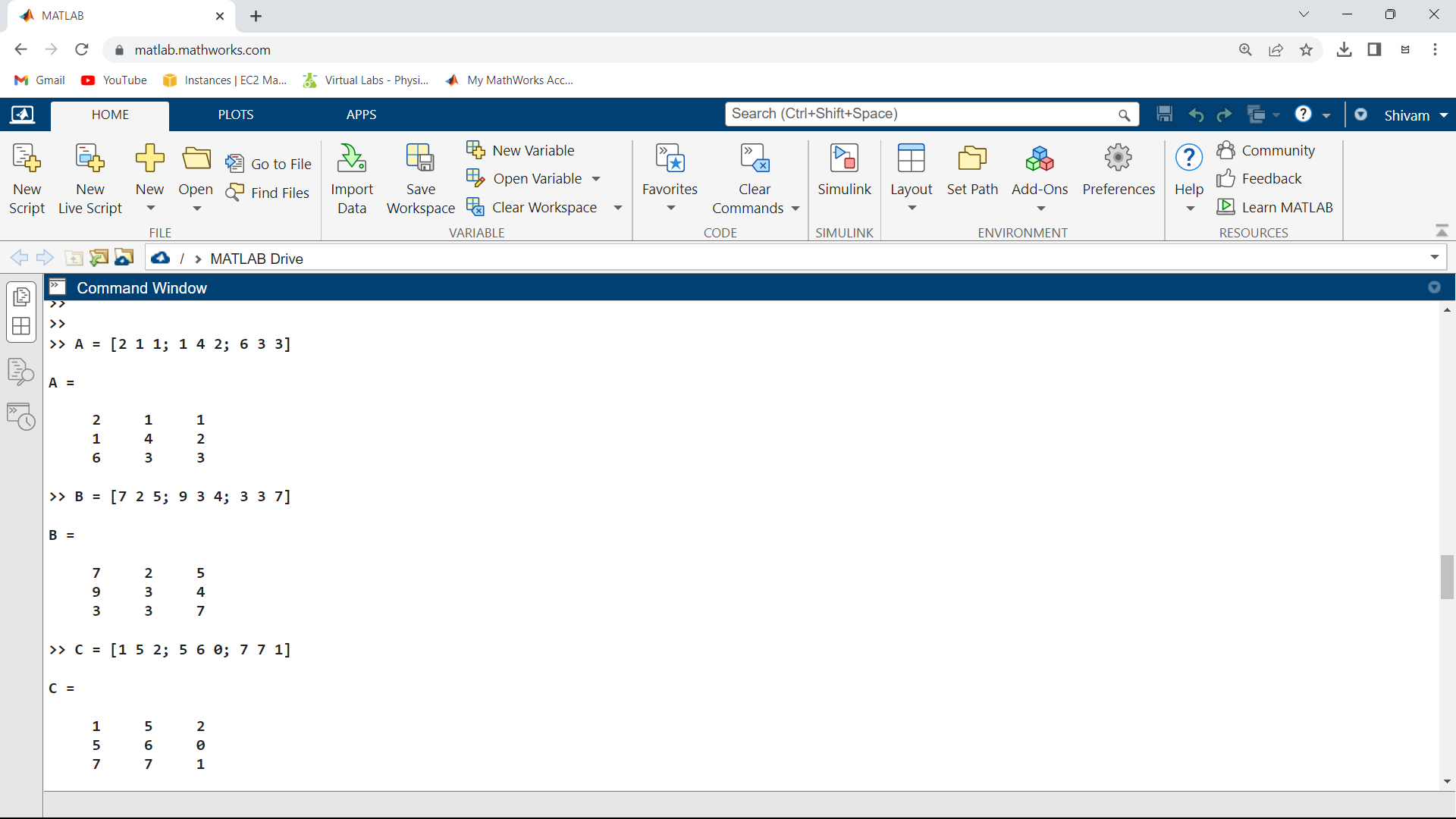


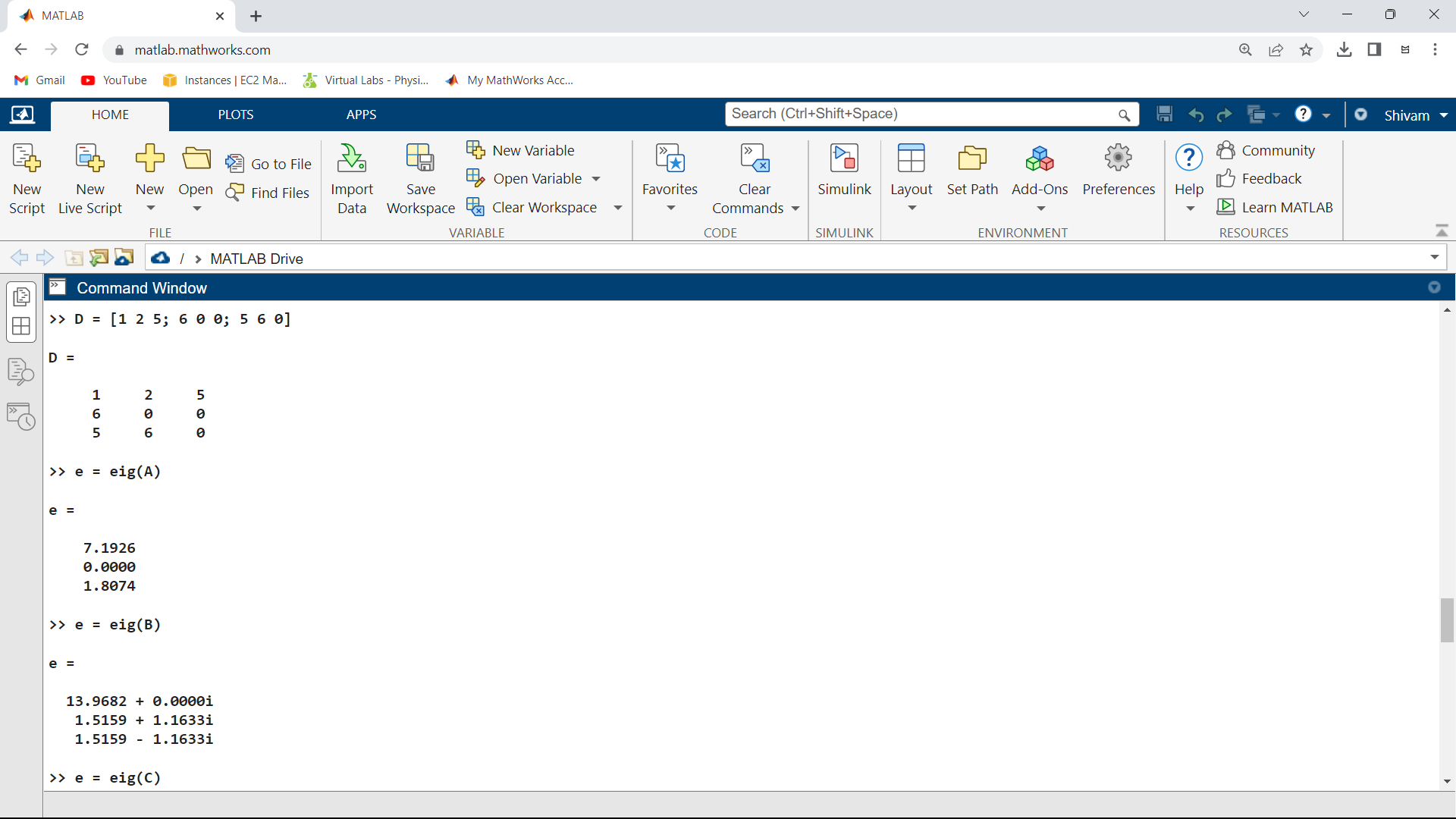


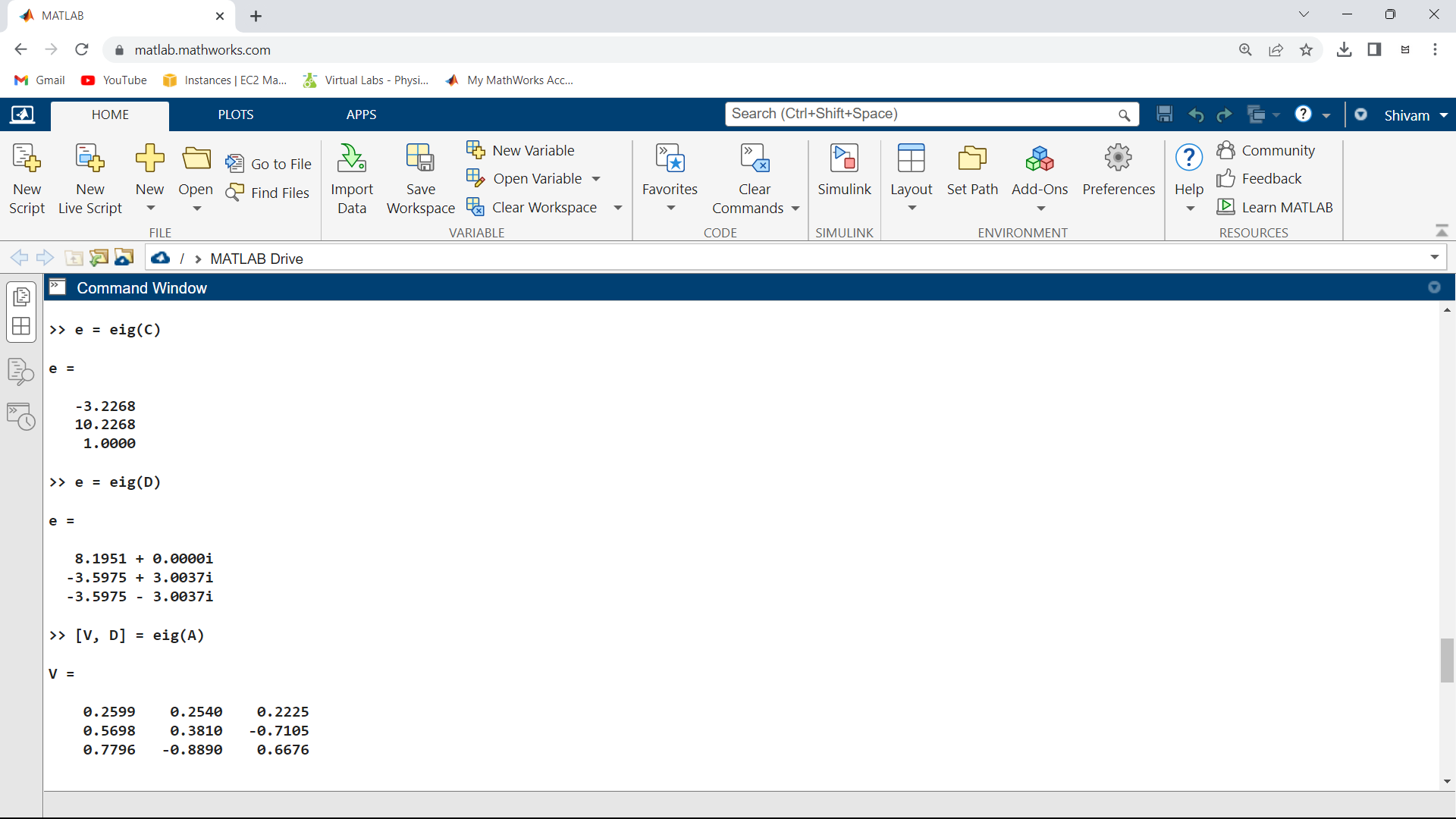


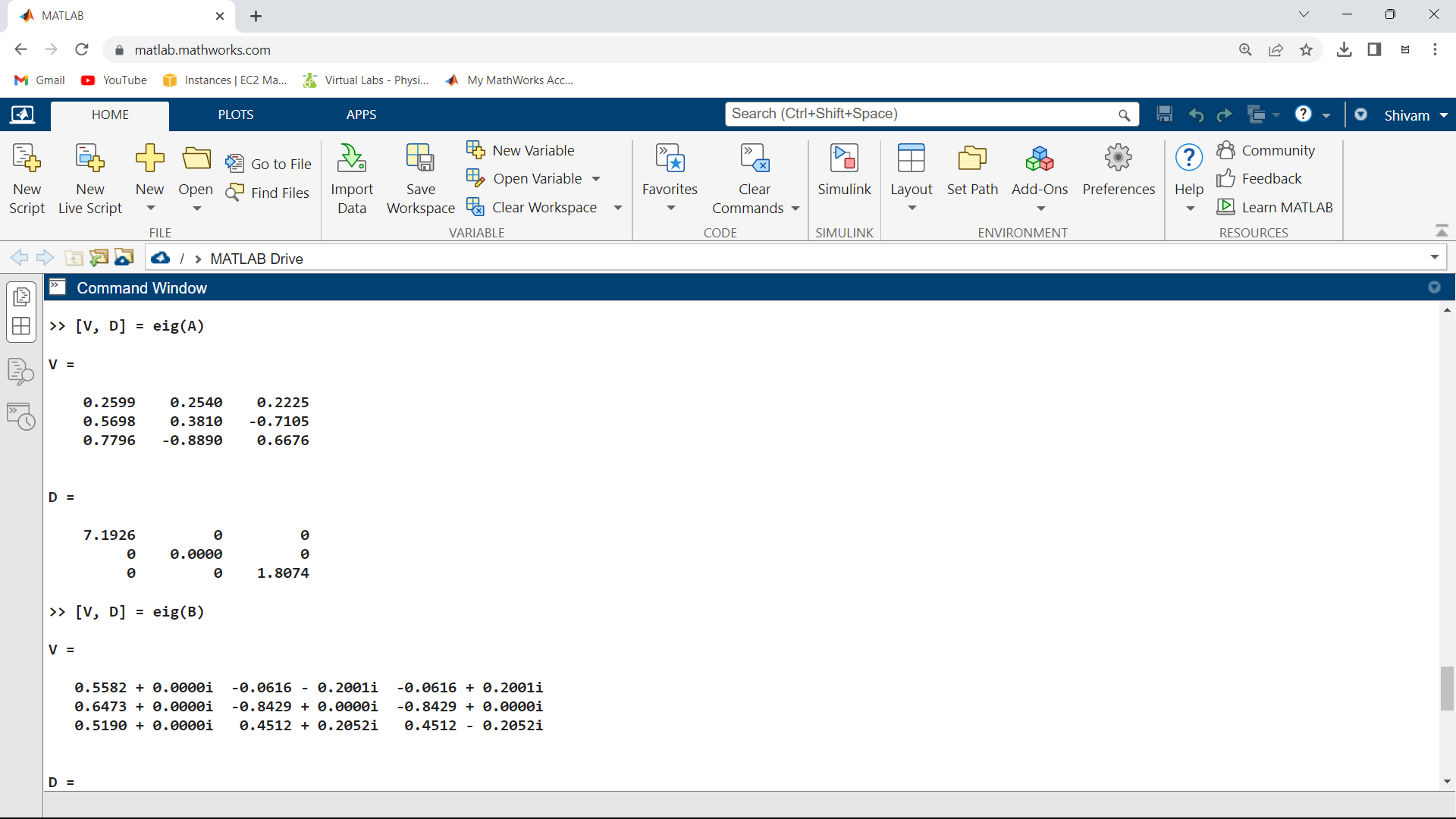


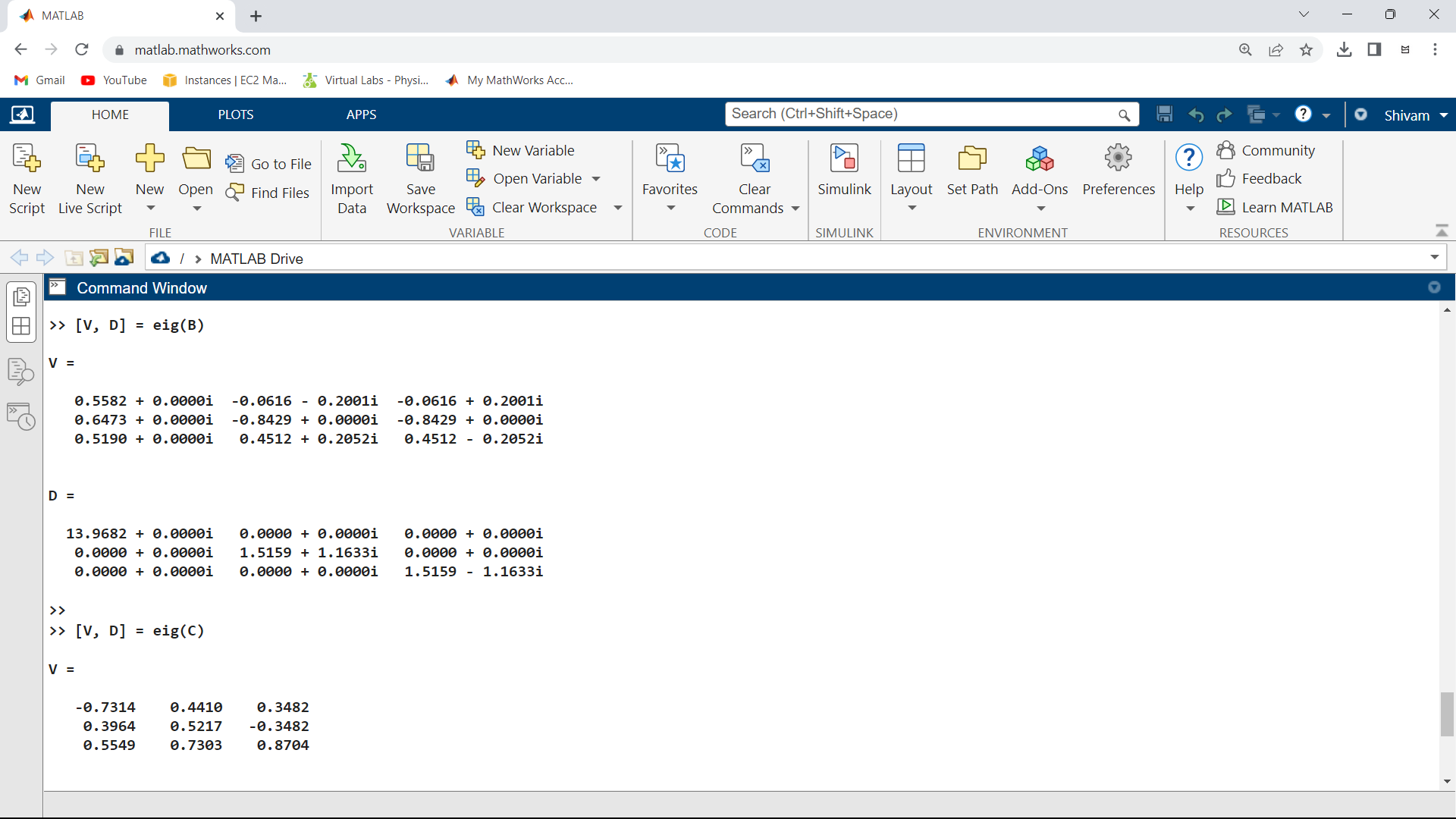
4. Eigenvalues and Eigenvectors of all the matrices

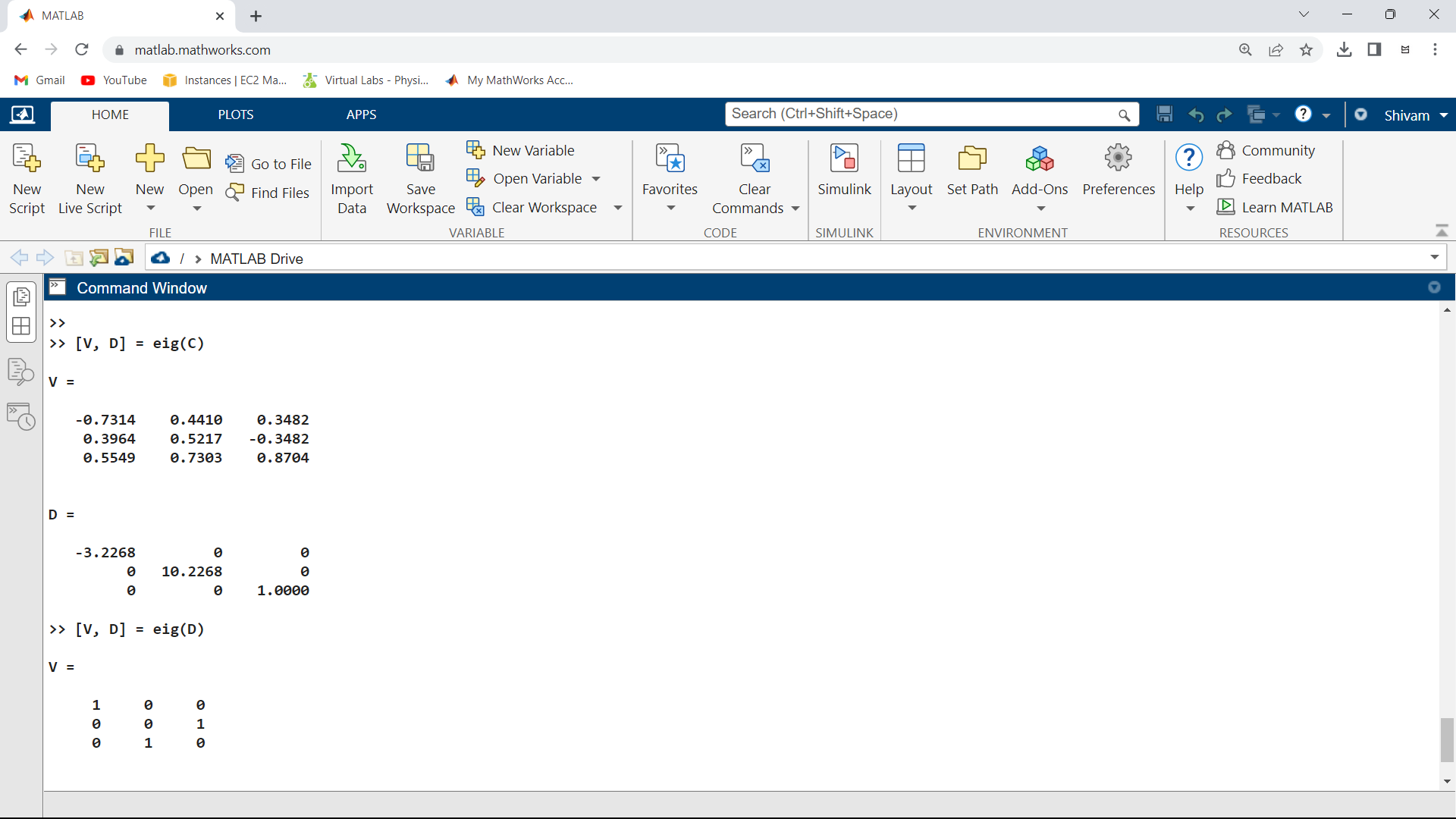


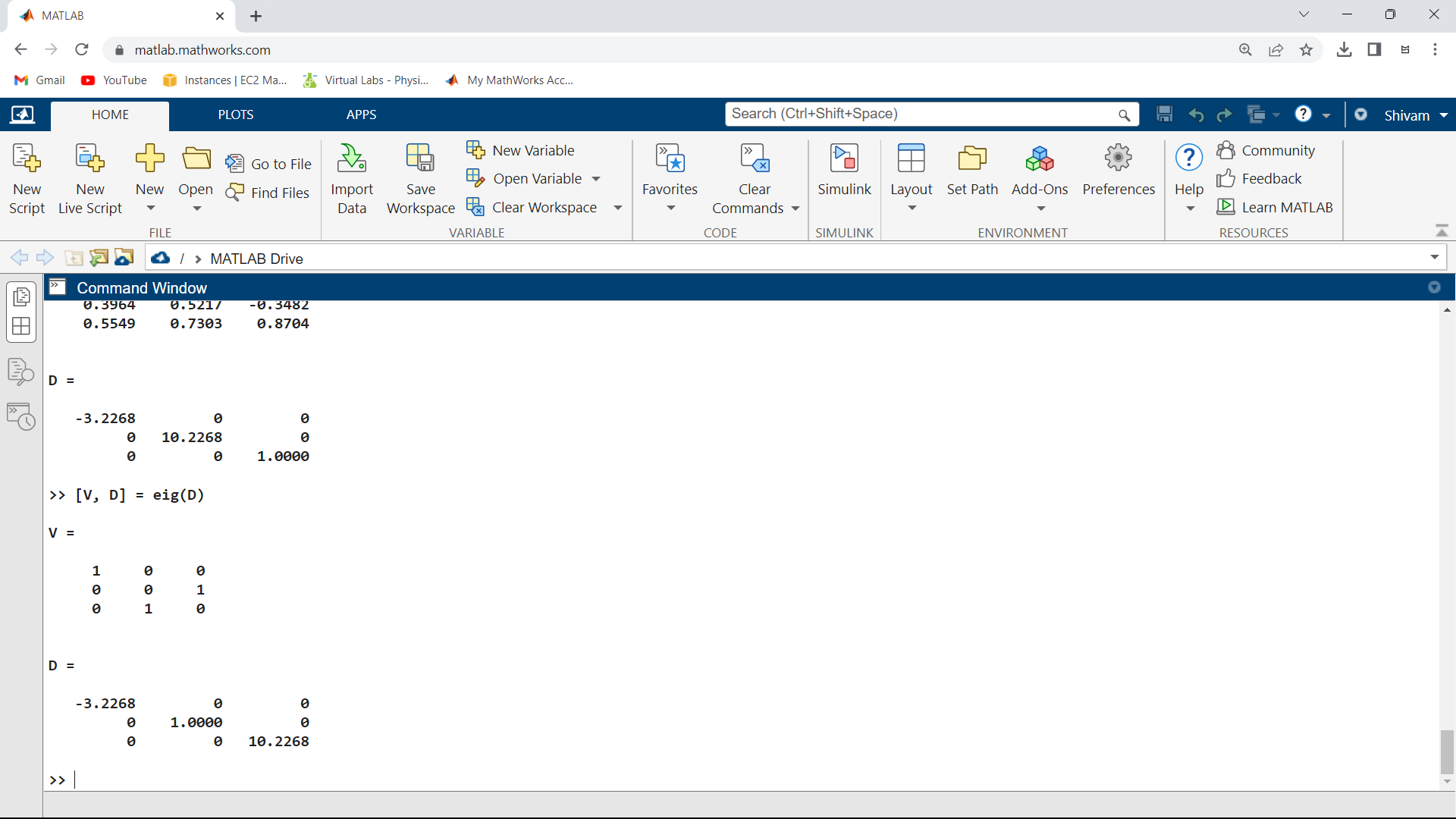






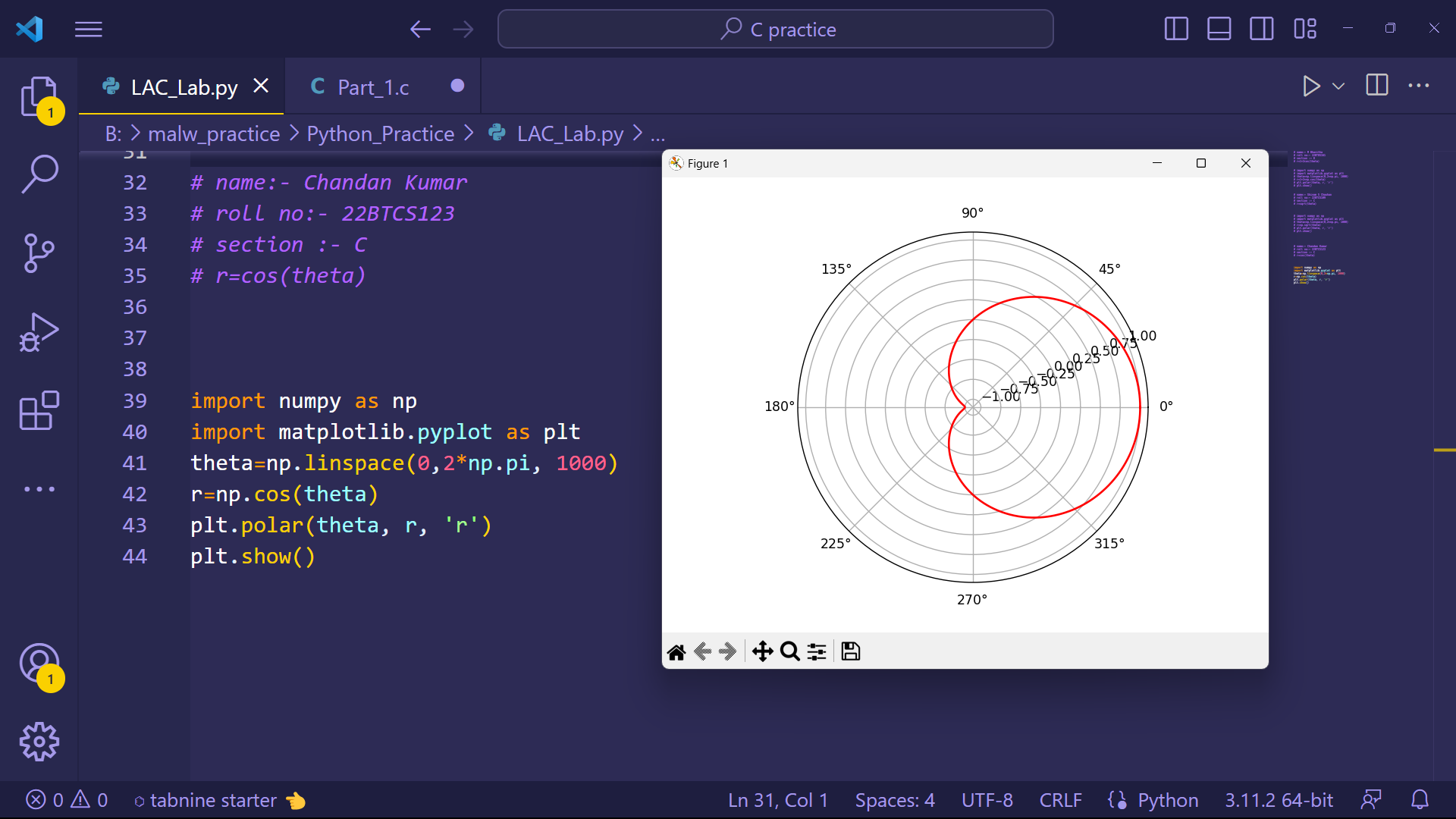






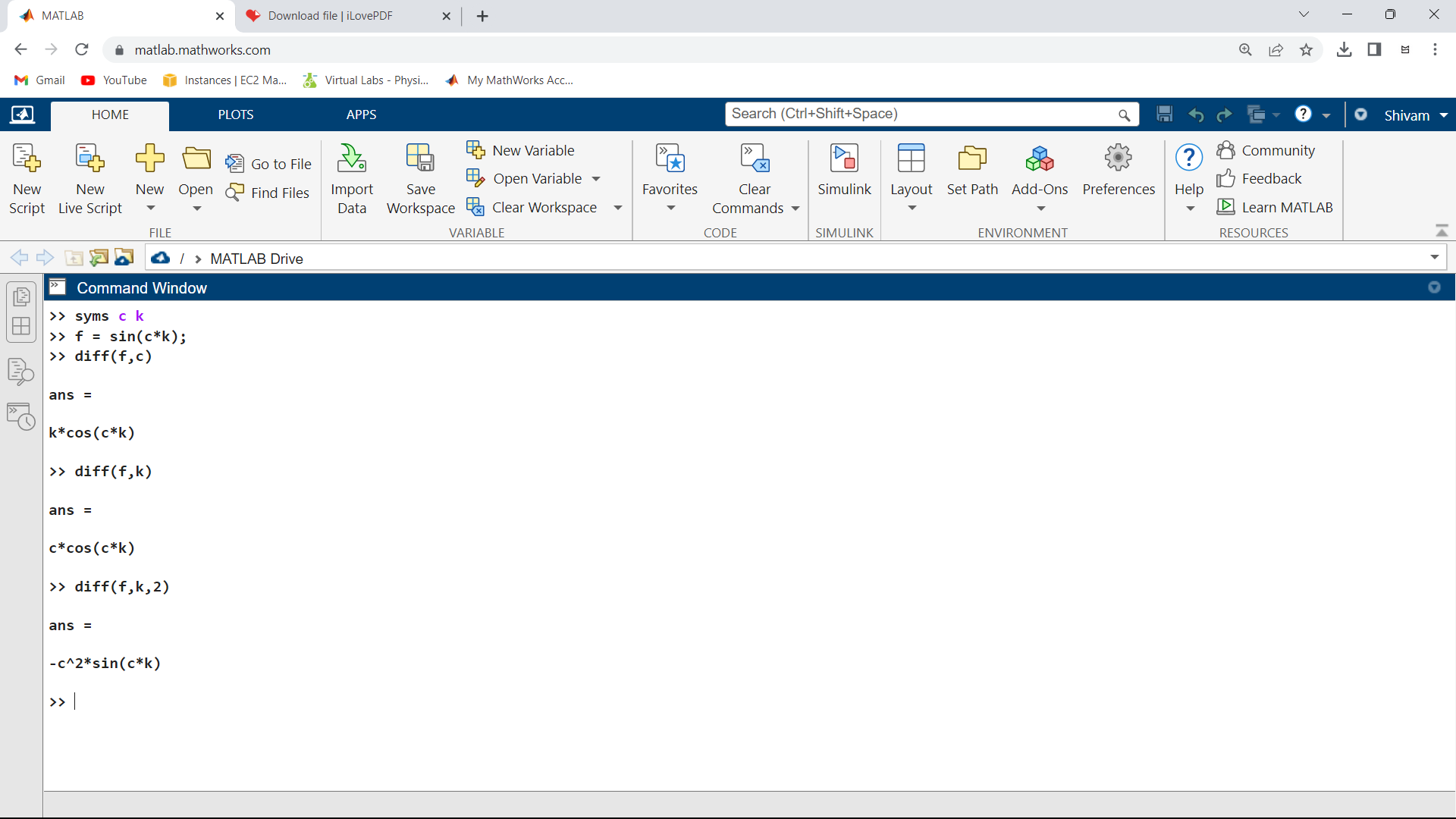
MODULE – 2

1.Plot the polar curve in Python



MODULE – 3

1.Declare 2 variables and find the partial differentiation of a function of two variables.



2.Find the differentiation using Jacobian method

