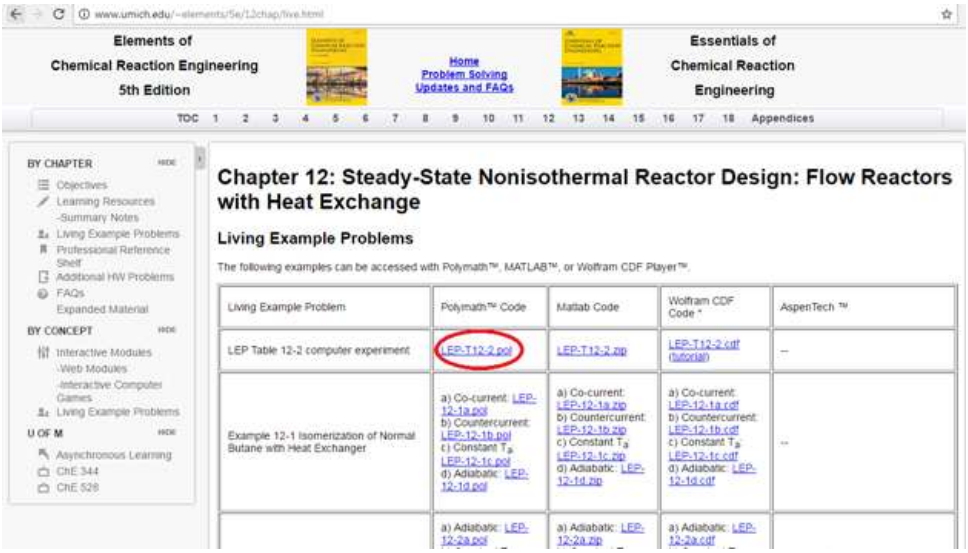
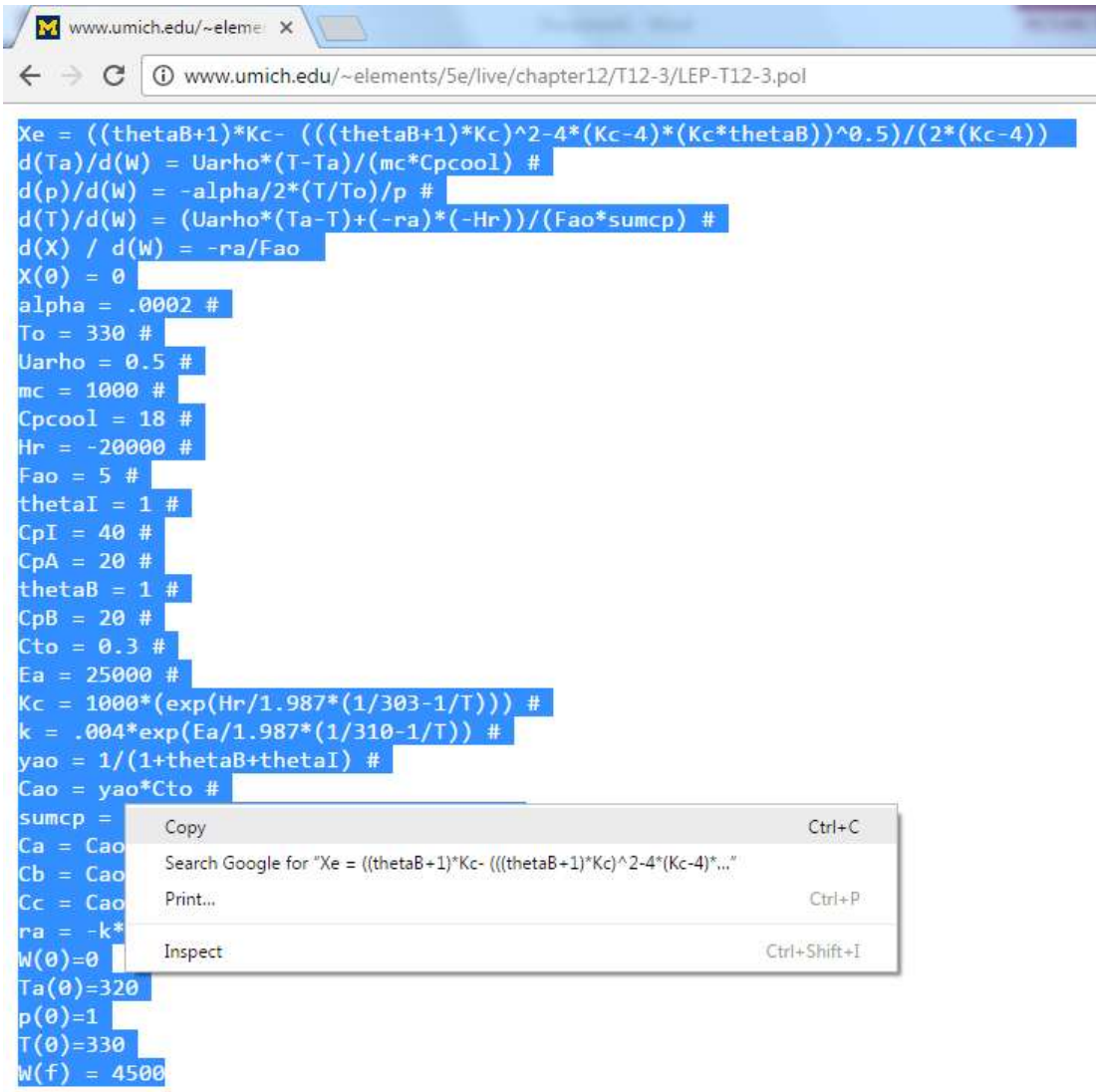
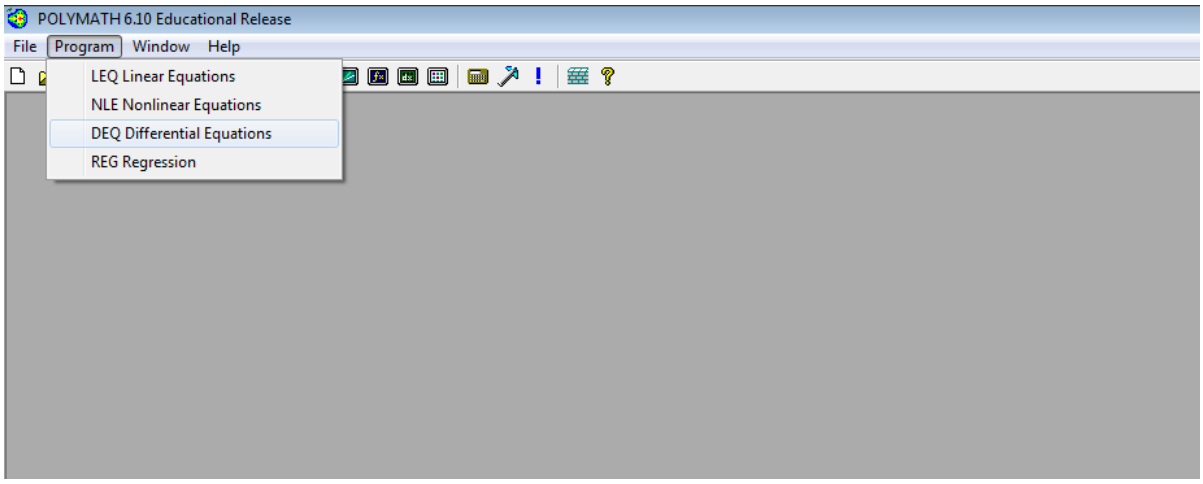
Step 1: Open chapter 12 and click on LEP-T12-2.pol under Polymath™ Code



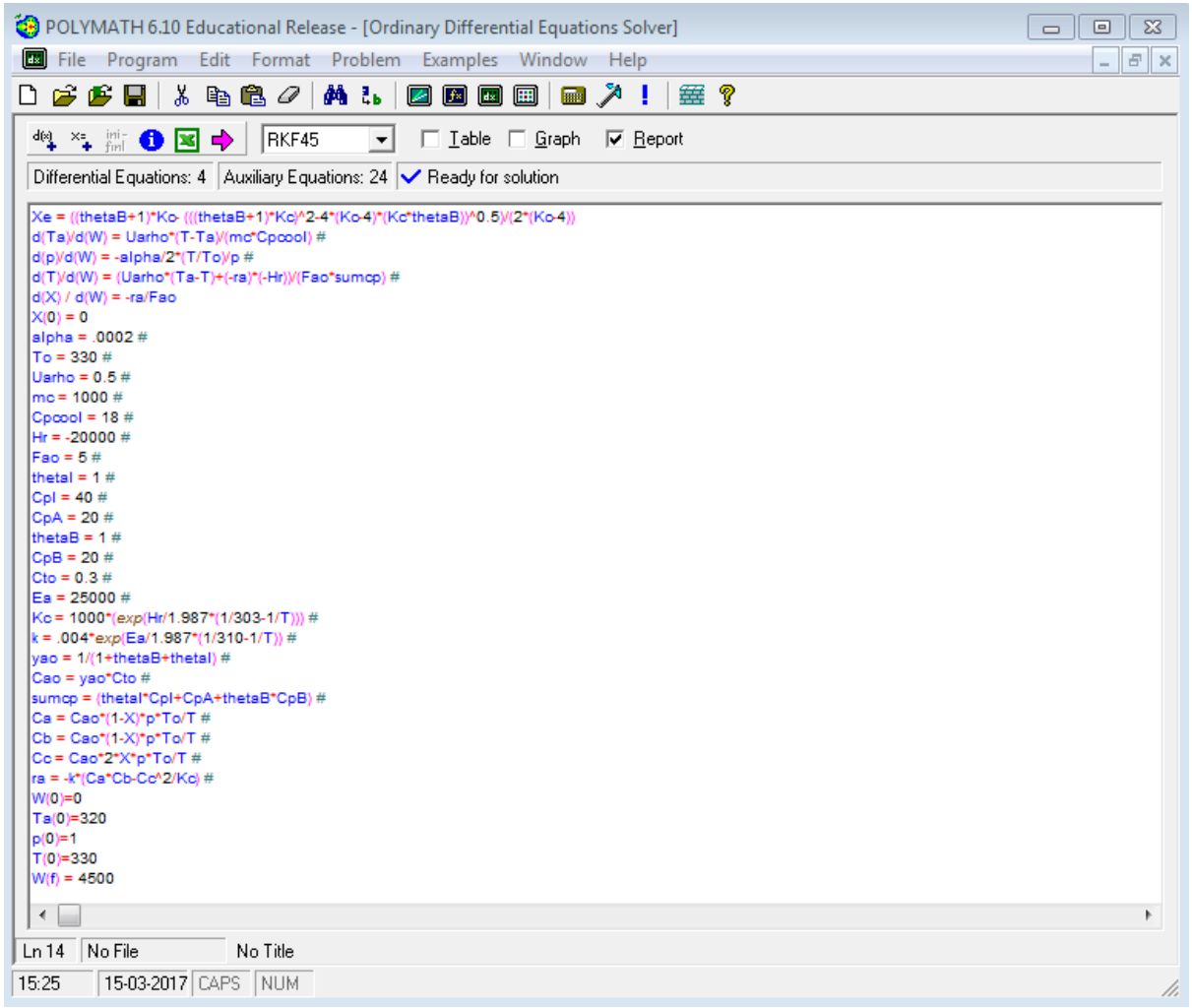
Step 2: After opening the file, you should see following window. Select all the codes, right click and then copy the codes



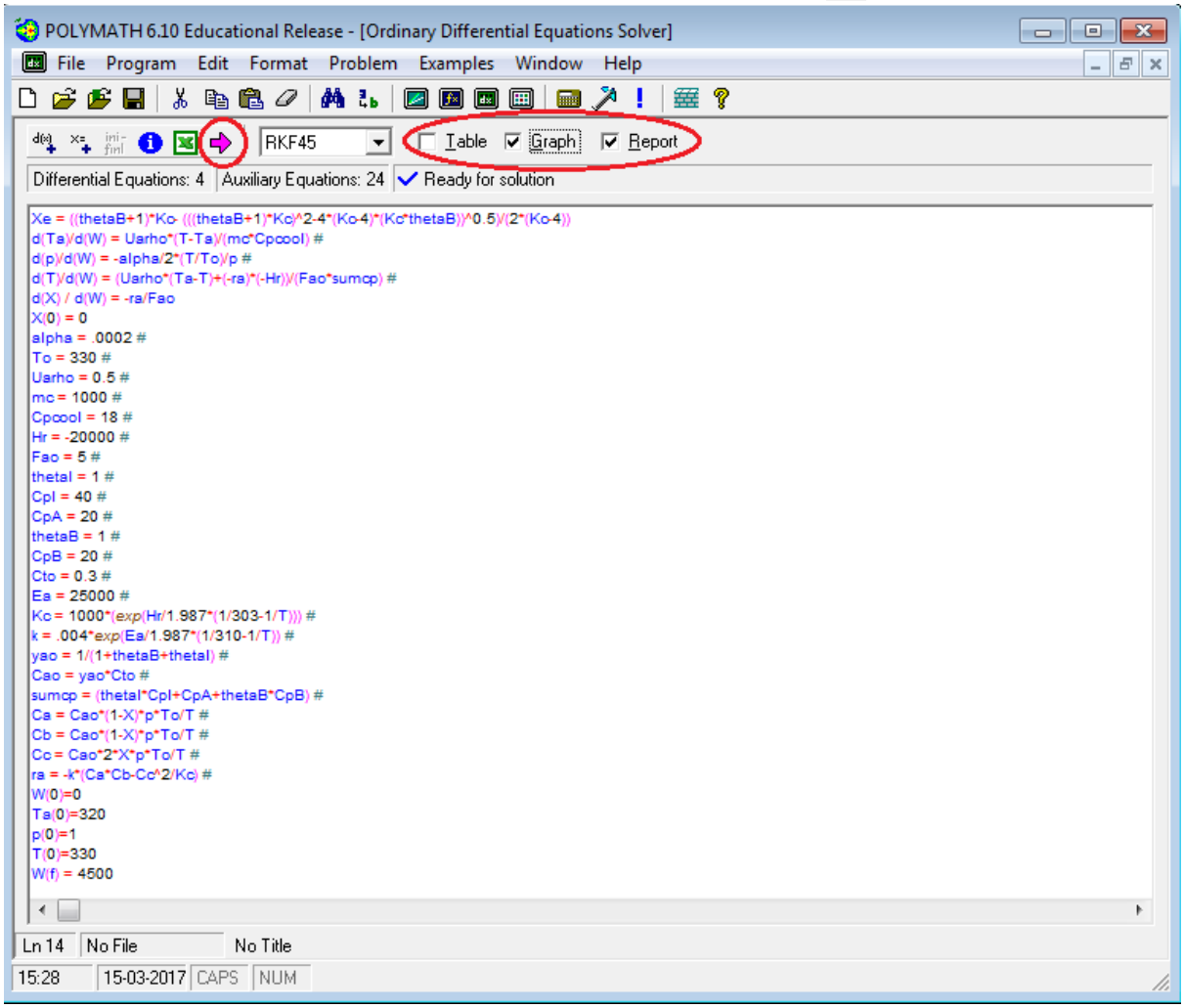
Step 3: Open Polymath and click on “DEQ Differential Equations” under Program tab present on toolbar.



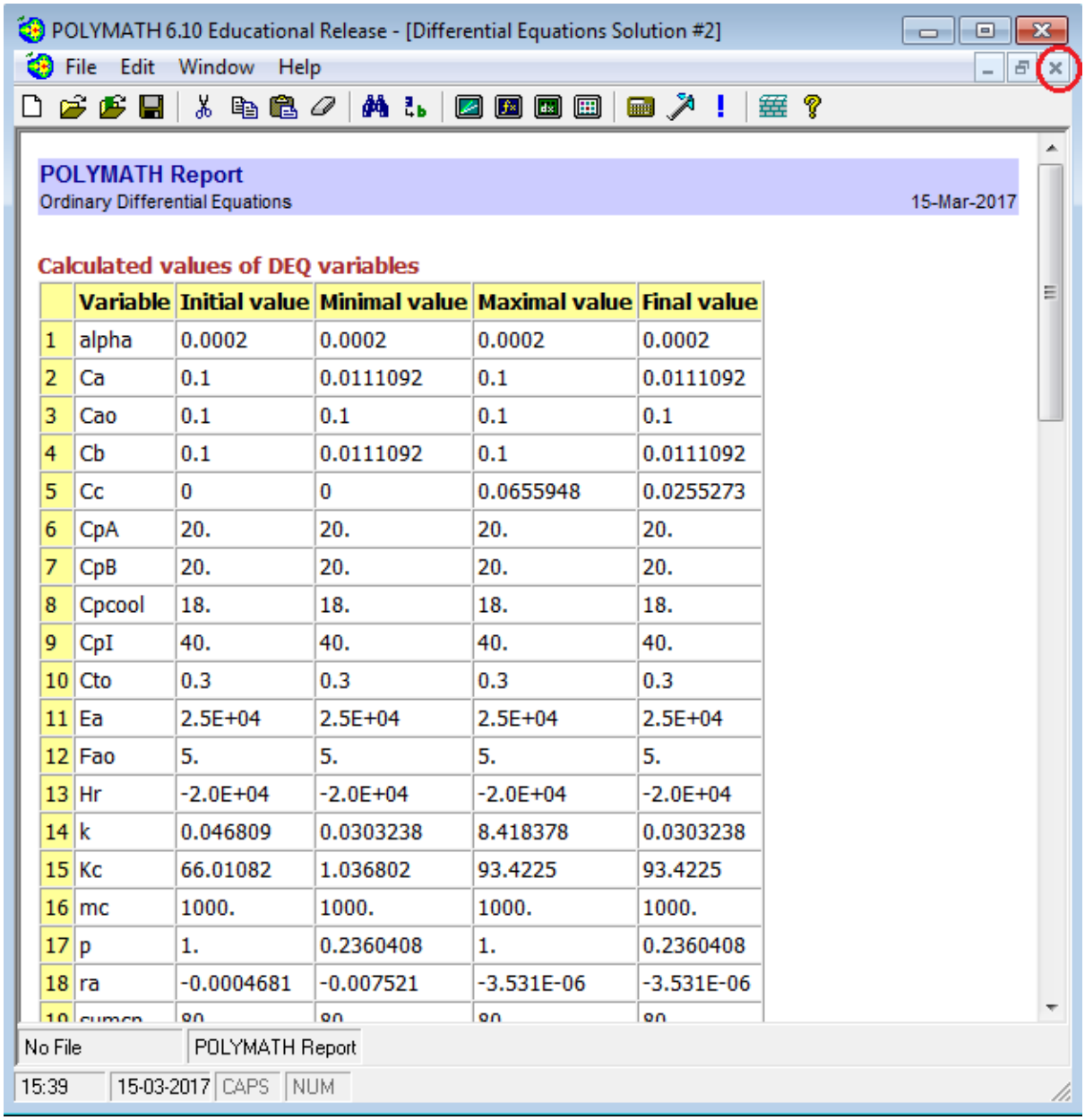
Step 4: You should see that a blank window opens. Right click on the white space and select Paste option to put the codes in the space



Step 5: Check the boxes corresponding to Report and Graph option to generate solution in report and graphical format respectively. Click on the pink arrow to run the program



Step 6: You should see that Polymath report is generated in a new window. To obtain graph, close the current window by clicking on X button



	Variable	Initial value	Minimal value	Maximal value	Final value
1	alpha	0.0002	0.0002	0.0002	0.0002
2	Ca	0.1	0.0111092	0.1	0.0111092
3	Cao	0.1	0.1	0.1	0.1
4	Cb	0.1	0.0111092	0.1	0.0111092
5	Cc	0	0	0.0655948	0.0255273
6	CpA	20.	20.	20.	20.
7	CpB	20.	20.	20.	20.
8	Cpcool	18.	18.	18.	18.
9	CpI	40.	40.	40.	40.
10	Cto	0.3	0.3	0.3	0.3
11	Ea	2.5E+04	2.5E+04	2.5E+04	2.5E+04
12	Fao	5.	5.	5.	5.
13	Hr	-2.0E+04	-2.0E+04	-2.0E+04	-2.0E+04
14	k	0.046809	0.0303238	8.418378	0.0303238
15	Kc	66.01082	1.036802	93.4225	93.4225
16	mc	1000.	1000.	1000.	1000.
17	p	1.	0.2360408	1.	0.2360408
18	ra	-0.0004681	-0.007521	-3.531E-06	-3.531E-06
19	sumcp	80	80	80	80

Step 7: You should obtain following graph. To go back to the coding section (Step 4) click on X button