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| 1 | Write a graphics based program using Tkinter. Main window must have dimensions 250 x 200 placed at 100,100 from top left. Provide one button with background color “red” labelled “Click Me”, one label having initial text “Not Clicked Yet” with background color “blue” and a button labelled “EXIT”. On first click of the button, the label text must change to “1 click” and font must change to Times, Bold and size 20. On every subsequent click, label text should show how many clicks. On even click, background color of label must change to “purple” and on odd click, it must change to “green”. When button labelled “EXIT” is clicked, it should exit the GUI. |
| 2 | Write a graphic based program using Tkinter. Provide two entry boxes for user input, radio button group having buttons labelled as add, sub, mul and div and another entry box labelled Result. When inputs are given and one button among the radio button group is selected, corresponding result must be displayed in entry box labelled result. |
| 3 | Given a csv file 'data.txt ' which has Name of student, USN and marks for five subjects (out of 100), plot a pie chart which shows the overall percentages of grades secured by all students. (Hint:- Use matplotlib.pyplot) |

**PAP Week 11 Lab Assignments**