

Practical Sheet – IV

Note: Use Exception Handling in all programs.

Note: Use Excel or CSV file as per Requirement.

1. Write a program to create GUI application to draw circle, rectangle, triangle, star, octagon and heptagon shapes using turtle.
2. Write a program to create GUI application to add numbers to list. When user click on show list button list should be displayed on screen and write elements to text file.
3. Write a program to create GUI application to accept Employee ID, name and Basic Salary and calculate the Gross Salary and display the salary slip on the screen.
4. Write a program to create GUI application to accept student ID, name and Marks of three subject from user write in file and display the marksheet on screen from file.
5. Write a program to create GUI application for simple calculator.
6. Write a program to display student information like ID on x-axis and percentage on y-axis in the form of bar graph.
7. Write a program to display student information like ID on x-axis and Age on y-axis in the form of line graph.
8. Write a program to display employee information like ID on x-axis and salary on y-axis in the form of bar graph.
9. Write a program to display employee information like ID on x-axis and salary on y-axis in the form of bar graph for two or more departments.
10. Write a program to create a line graph to show the profit of a company in various years.
11. Write a program to display student information of admission of last three using bar graph. You need to take last three-year information for three programs like MCA, M.Tech and M.Sc.

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12. Write a program to display a pie chart for number of bank accounts opened by five various banks in last five days.
13. Write a program to display a pie chart for how many numbers of students take admission in different four courses at department. Courses like : MCA, PGDCSA, M.Sc.(AI&ML), M.Tech, etc.
14. Write a program to display a line chart for compare two innings of match overwise.(Take 10 overs per inning)
15. Write a program to display a bar chart for a cricketer's total score in last five years in three different countries.