

Module 4: SQL Functions Assignment



Tasks To Be Performed:

- 1. What is the cost of the costliest software development in Basic?
- 2. Display details of packages whose sales crossed the 2000 mark.
- 3. Who are the programmers who celebrate their birthdays during the current month?
- 4. Display the cost of the package developed by each programmer.
- 5. Display the sales values of the packages developed by each programmer.
- 6. Display the number of packages sold by each programmer.
- 7. Display each programmer's name, costliest and cheapest packages developed by him or her.
- 8. Display each institute's name with the number of courses and average cost per course.
- 9. Display each institute's name with the number of students.
- 10. List the programmers (from the software table) and the institutes they studied at.
- 11. How many packages were developed by students who studied in institutes that charge the lowest course fee?
- 12. What is the average salary for those whose software sales are more than 50,000?
- 13. Which language listed in PROF1, PROF2 has not been used to develop any package?
- 14. Display the total sales value of the software institute wise.
- 15. Display the details of the software developed in C by female programmers of Pragathi.
- 16. Display the details of the packages developed in Pascal by female programmers.
- 17. Which language has most of the programmers stated as being proficient in?
- 18. Who is the author of the costliest package?
- 19. Which package has the highest development cost?
- 20. Who is the highest paid female COBOL programmer?
- 21. Display the names and packages of the programmers.
- 22. Display the number of packages in each language except C and C++.
- 23. Display the average difference between SCOST and DCOST for each package.
- 24. Display the total SCOST and DCOST and the amount to be recovered for each programmer for those whose cost has not yet been recovered.



- 25. Who is the highest paid C programmer?
- 26. Who is the highest paid female COBOL programmer?