

## ASSIGNMENT 2

1. Retrieve the Name of Book and Cost who has Maximum cost.
2. Calculate the Minimum cost, Average cost and Total cost value in BOOKS table and Rename the resulting attributes.
3. Retrieve the Name and ID of Members who's issued book between 26th January 2011 and 14th April 2011.
4. Retrieve Book Name, Author Name and Category whose Category is not 'OTHERS'.
5. Retrieve the Book name and Author Name where 5th letter of the Author name is 't'.
6. How many Books are available whose Cost is greater than 350.
7. How many different Authors name are available in BOOKS table.
8. Calculate the following Numeric functions:
  - a. What is the absolute value of -167.
  - b. Calculate  $8^6$ .
  - c. Round up to 2 decimal points (134.56789).
  - d. What is the square root of 144
  - e. Floor and Ceil value of 13.15.
9. Extract Year, Month, Day from System Date.
10. What is the greatest value between 4, 5 and 17.
11. What is the Least value between '4', '5' and '17' and Express why resulting value of last two queries are same.
12. Extract 4 letters from 3th position of this word 'INFOSYS'.
13. What is the ASCII value of 'a' and 'S'.
14. What is Length of this word 'INFOSYS' AND change 'S' with 'T'.
15. Retrieve the Names and Address of the Members who belong to Kolkata.
16. Retrieve the Name of Books, where Cost prices are between 300 and 500.
17. List the Name of the Members whose Membership type is "HALF YEARLY".
18. List the Name of the Members who open their account in the year of 2011.
19. Retrieve the Penalty Amount of the Members who has taken the book "LET US C".
20. Retrieve the no of Max books allowed to a Member, who has issued books on January.
21. Give the Names of the Members who have not issued any books.
22. Give the Name and Category of the books whose cost is not recorded.
23. List all the books that are written by Author "Loni" and has Price less than 600.
24. List the Issue details for the Books that are not returned yet.
25. List all the Books that belong to any one of the following categories Science, Database.
26. List all the Members in the descending order of Penalty due on them.
27. List all the Books in ascending order of category and descending order of price.
28. List all the Books that contain word 'SQL' in the Name of the Book.
29. List all the Members whose Name starts with S.
30. List all the Members whose Name starts with S or A and contains letter T in it.
31. List the Entire Book name in INIT CAP and Author Name in UPPER case in the descending order of the Book Name.