**JAVA PROGRAMING QUESTION**

1. Create a class to specify data on Employee with employeeID, Name, Department, gender, Year of joining (ex 2021). Assume that their ‘N’ numbers of employees.
   1. Write a function to print names of all employees who joined in a particular year.
   2. Write a function to search an employee based on the employeeId.
   3. Display all the employee whose gender is “F”.
   4. Display all the employee whose gender “M” and department is “Development”.

1. Create a class to specify data of customers in a bank. The data to be stored is: Account number, Name, account balance. Assume there are “N” customers in the bank.
   1. Write a function to print the Account number and name of each customer who has account balance less than 1000 Rs.
   2. If a customer request for withdrawal amount which is below the minimum balance of 500 then give a message, “The balance is insufficient for the specified Withdrawal”.
2. An automobile company has serial number for engine parts starting from AA0 to FF9. The other characteristics of parts to be specified in a structure are: Year of manufacture, material

And quantity manufactured.

(a) Specify a class to store information corresponding to a part.

(b) Write a program to retrieve information on parts with serial numbers between

BB1 and CC6.

1. A record contains name of cricketer, his age, and number of test matches that he has played and the average runs that he has scored in each test match. Create an array of Object to hold records of 5 such cricketer and then write a program to read these records and arrange them in ascending order by average runs.
2. Write a menu driven program that depicts the working of a library. The menu options should be:

1. Add book information

2. Display book information

3. List all books of given author

4. List the title of specified book

5. List the count of books in the library

6. List the books in the order of accession number

7. Exit

Create a class called **library** to hold accession number, title of the book, author name,

Price of the book, and flag indicating whether book is issued or not.