1. a. Write a Servlet java Program to display the values of employees such as empid, empname, empsalary, emplocation, empdesignation, empaddress, empphone using html and display and store it to the myql database files.

Write a program to demonstrate architecture of servlet

1. a. Create a Library application such as bookid, bookname, bookauthor, bookpublication, bookprice and purchasedate collected from html inputs and displayed using servlet

b. Write a program in servlet to display welcome message

1. a. Explain Servlet and its working principles with its web server.

b. Write a program in servlet to display number of times visiting a page

1. a. Describe about session tracking mechanism in servlet with an example

b. With a program explain life cycle of servlet

1. a. Explain Session and cookie with an example

b. Explain the API of servlet

# Subject – CS602– Service Oriented Programming

# Submission – 22 – 03 – 2022 (EOD)

Note: If you are ended (last digit) with Even

Assignment Question \_ Total – 15m

Part A(3X10=30)

1. Write a program to display random password by generating pin number with the size of 8 digits
2. Write a program in java to perform binary search from the given array of 10 elements.
3. Write a java program using pointers to compute the sum, mean and standard deviation of all elements stored in an array of n real numbers
4. Write a java program to perform matrix multiplication
5. Write a Servlet java Program to display the values of student details such as studid, studname, sub1, sub2, sub3, studaddress, studphone using html and calculate the total and average of subjects marks by finding the remarks of the subjects and store it to the myql database structures.
6. Write a java program to find the get n different names and sort the names in descending orders from the given names and store the first names in the databases
7. Create a movie database such as Movieid, moviename, movieactor, movieyear, movielang and moviedirector using database tables and implement CRUD application in it.