**CP PRACTICAL - 1**

*Instructions:*

Write solutions for the following questions in a word processor and upload on Google classroom by 4 PM today (20th august, 2020).

SQL

1. Create an SQL query to create a table called Customers which has columns called ID, Name, Age, Address and Salary where the columns ID and Age has data type Int, Salary has data type Decimal(10,2) and other columns have data type Char(25). Write SQL queries to:

(i) insert 5 meaningful records into the table.

(ii) display ID and Name with Age greater than 20.

(iii) display distinct age.

(iv) display the whole table.

(v) delete the table.

2. Create an SQL query to create a table called Persons which has columns P\_ID, LastName, FirstName, Address and City where the column P\_ID has data type Int and other columns have data type Char(25). Write SQL queries to:

(i) insert 5 meaningful records into the table.

(ii) display the table where LastName starts with A.

(iii) display P\_ID, LastName where City =’Mumbai’ or 50<P\_ID < 100.

(iv) update the FirstName = ‘Kenneth’ where P\_ID = 15.

(v) display the whole table with last\_name in descending order, first\_name in ascending order.

JAVA

1. Write a java program to print your name in front of the message "What is your name ? "
2. Write a java program to find and display the area and circumference of a circle provided its radius.
3. Wrote a java program to find and display Simple Inrerest for a given Principle, Rate and Period.
4. Write a java program to print the character '$' 5 times in vertical.
5. Write a java program to find and print the square and cube of a number.
6. Write a java program which defines a character variable and assign the integral code of the character J. Print this character to the console using the variable.
7. Write a java program which will define two variables of any type with some initial value. Then Swap the values of these two variables. Print the values of both the variables before and after swapping.
8. Write a java program to find and display the sum and product of two numbers.
9. Write a java program to find and display the volume of a sphere for a given radius.
10. Write a java program which prints the following pattern.

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