**Day 8 Java lab exercise**

### 1. Write a Java program by using BufferedReader class  to prompt a user to input his/her name and then the output will be shown as an example below:

**Hello HCL!**

2. Write a Java program to write and read a plain text file.

3. Write a Java program to append text to an existing file.

4. Write a Java program to read first 3 lines from a file.

5. Write a Java program to find the longest word in a text file.

6. Write a java program to record the player details into the file. Get the player details name, teamName and number of matches played from the user and write those information in a comma seperated format (CSV).

**Below is the format of the output file.**

<name>,<teamName>,<numberOfMatches>

**eg:  Virat Kohli,Royal Challengers Bangalore,16**

Create a main class "Main.java"

Using File class create a new file(player.csv) and write using the OutputStream.

**Sample Input/Output :**

Enter the name of the player

Virat Kohli

Enter the team name

Royal Challengers Banglore

Enter the number of matches played

16

7. Write a java program to read the input character stream and identify  patterns provided by the user. As the program output display the number of times the pattern occurred in the input character stream.

Read the character stream from the input file (team.txt) that contains the team names and display the output in the console.

**Sample Input/Output :**

Enter number of words

2

Enter the strings to be searched

en

perk

Given string is chennaisuperkingsvsroyalchallengersbanglore

Word:en Count:2

Word:perk Count:1