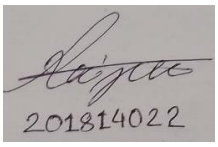


CSE - 308

Assignment - 2 Report

(a) Problem Statement :

Create a file "PL_2020.txt" which will contain the Premier league table of 2020,which contains 20 football team's names and Their Points this season.The top 4 teams of the table will play UEFA Champions League next season.So another file named "UCL_teams.txt" Will be created and The top 4 teams of the Premier league table will be Selected using head and Printed in the "UCL_teams.txt" file using Pipeline.From "UCL_teams.txt" file We will be able to see the name of the Teams who are selected for UEFA Champions League next season along with their points this season.

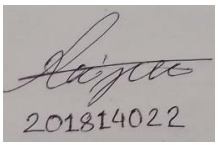
(b) Related Commands :

- mkdir (For creating new directory)
- cd (to enter or leave a directory)
- touch (to create a file)
- cat (to print or write or append in a file)
- head (to show the first n lines of a file or a output)

(c) Solution Commands :

1. mkdir "Season 2020"
2. cd Season\ 2020
3. touch PL_2020.txt
4. cat > PL_2020.txt

Teams	Points
Liverpool	99
Man. City	81
Man United	66
Chelsea	66
Leicester City	62



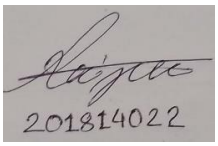
Tottenham	59
Wolves	59
Arsenal	56
Sheffield United	54
Burnley	54
Southampton	52
Everton	49
Newcastle United	44
Crystal Palace	43
Brighton	41
West Ham	39
Aston Villa	35
Bournemouth	34
Watford	34
Norwich City	21

ctrl+c

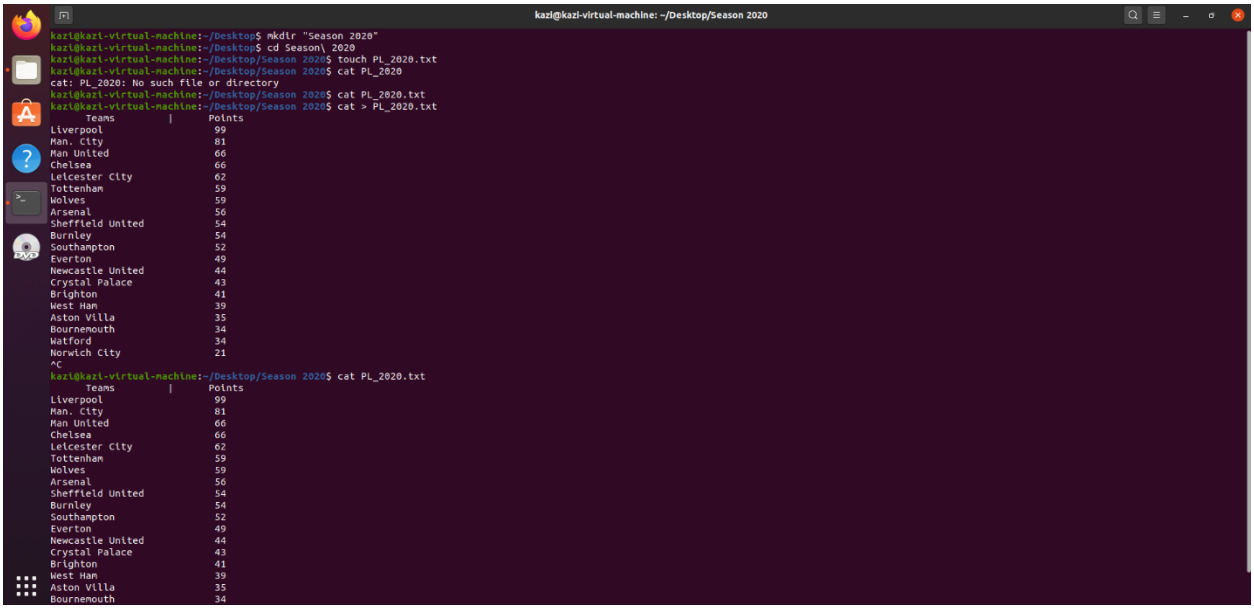
5. touch UCL_teams.txt
6. cat PL_2020.txt | head -n 5 > UCL_teams.txt
7. cat UCL_teams.txt

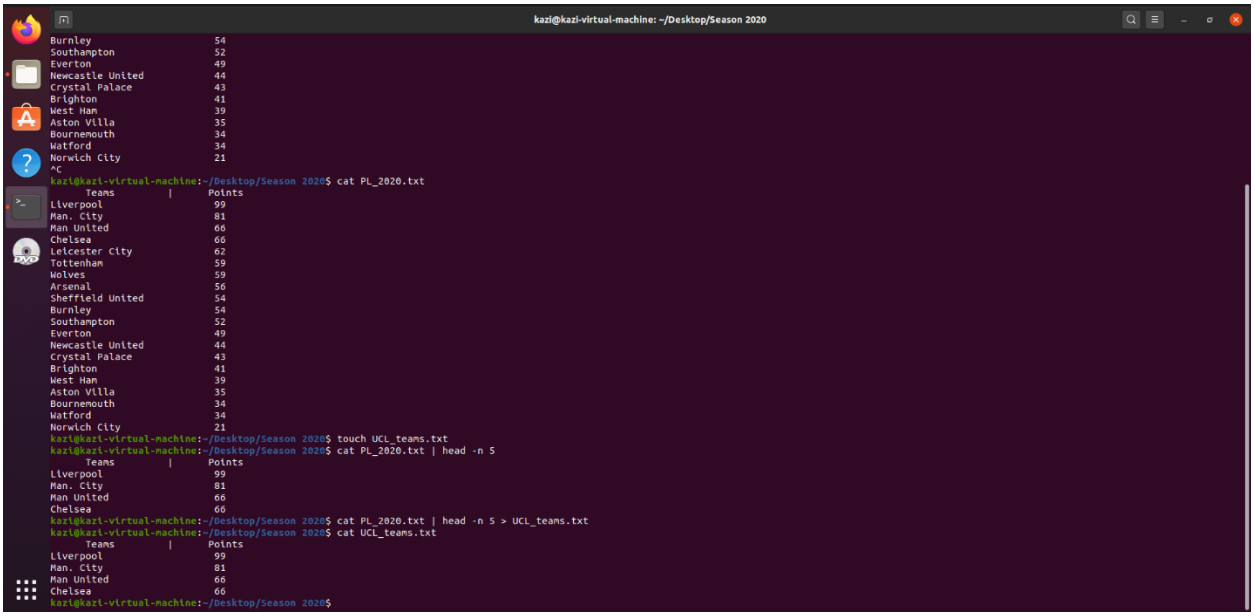
(d) Description of the Solution :

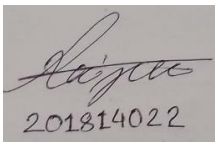
1. Creating a Directory named "Season 2020"
2. Entering inside the directory "Season 2020"
3. Creating a file named "PL_2020.txt"
4. Writing in the file "PL_2020.txt".Input A 20 teams leauge table along with their names and Points in season 2020.
5. Creating a file named "UCL_teams.txt"
6. Output the file PL_2020.txt and taking this output as input head chooses the first 5 lines of the file and writes it in UCL_teams.txt
7. Prints the UCL_teams.txt file on the terminal.



(e) Screenshots :







(f) References :

[1] William E. Shotts. Jr.,The Linux Command Line : A Complete Introduction,Part 1 : Learning The Shell,Vol. 1,no. 6,pp. 50-57.