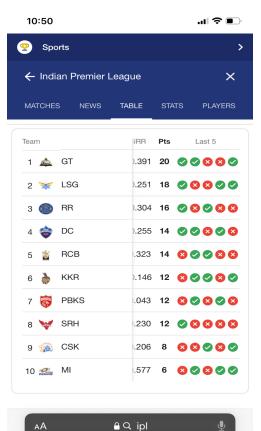**TestVagrant**

Coding Assignment

SUBMISSION GUIDELINES

- Solve the below coding assignment and submit the solution as per guidelines below.
- Share your code via a git repository. Please share a repository link in an email to freshershiring@testvagrant.com along with your profile.
- Alternatively, you could zip and send the solution to the above email address.
- Please mention your college name in subject line
- Email Subject should be this - **[2022] [Your college Name] Coding Challenge Submission**

OVERVIEW

In analyzing a team's performance, one of the methods used is to look at their past performance. In the image on your left you could see performance of the past 5 matches for all IPL teams

PROBLEM TO SOLVE

1. Create a small data structure that holds details - Name of the team, points they have earned and result of last 5 matches as per above image
2. Programmatically retrieve the teams that have 2 consecutive losses.
3. Generalize the same solution, so that we could get teams that have **n** consecutive **losses/wins**.
4. Once the above is done, Calculate the average points of these filtered teams

EXPECTATIONS

- Submit the complete project
- Tech stack is no bar - use any scripting/programming language to build the solution.
- Use the best of your object-oriented skills and strictly adhere to the language conventions.
- Add a readme with clear instructions for local execution
- We highly recommend use of good coding conventions (A sample list to refer https://www.browserstack.com/guide/coding-standards-best-practices)
- **Nice to have**: Use GitHub as your version control and keep committing the code after each requirement/problem is completed