

SECOND YEAR B. TECH THIRD SEMESTER
COMPUTER SCIENCE AND ENGINEERING DEPARTMENT
MINI PROJECT REPORT(ITW-1)

ON

NAME OF THE PROJECT
CRICKET TOURNAMENT MANAGEMENT

By
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BACKGROUND OF PROJECT:

As we know the python language our main agenda was to develop a mini project which touches all the perspectives of cricket .

This project will work for complete cricket tournament management like you will get all types of knowledge,details,information for the tournament like what the current running schedule,updated points table,current stats like top batsman least batsman,top bowler and least bowler(purple,orange cap holders),for fun we had created a mini game with computer for online fun and for online game lovers,in future will update by using pandas to store the complete stats permanently in a standard library.In this flow we have used the following in our code:

- NumPy stands for numeric python which is a python package for the computation and processing of the multidimensional and single dimensional array elements.
- Dictionaries(Strings+int)
- Tuples,lists,two dimensional list...
- Switcher,nested switcher statements
- For loops,while loops nesting of loops
- Random choice
- Library functions sorted(),exit().....
- Typecasting,designing

METHODOLOGY:

This is a mini project titled ipl matches and its schedule making system along with a mini game . Motto of the project Consists of five parts i.e

1)previous year stats of ipl seasons :: In this a user will be able to view the stats of a season by selecting the year.Stats includes title winner,runner up,orange cap holder,violet cap holder for the respective season.

2.)Making the schedule of a ipl season:: In this a user will be asked to enter the number of teams,names of teams by which computer will calculate the number of matches and a schedule of the season will be made.User will be able to store schedule for futher purpose.

3.)Points table creation:: A user will be able to create a points table through this feature by entering the number of teams,names of teams ,no of matches won/lost/drawn by respective team.User will be able to store the points table for future purpose.

4.)Play a minigame:: Through this a user will be able to play a mini game of cricket match ,instructions to play the match will be displayed sequentially after selection.

5.)Intake of stats:: Through this user can input the stats like batting score and then check for the highest and lowest scorer

RESULTS:

- a. Play a cricket game .
- b. Able to see previous year stats.
- c. We can print the schedule of ipl.
- d. We can create a points table.
- e. We can input a present year stats.