

PYTHON PROGRAMMING

Int-213

Topic: Live cricket score using GUI application in python



Submitted by:

<i>NAME</i>	<i>REG NO:</i>	<i>ROLL NO</i>	<i>Section</i>
N.Pranay	11902943	06	K19KH
T.Praveen	11908819	41	K19KH
B.chaitanya	11903784	26	K19KH

Submitted to:

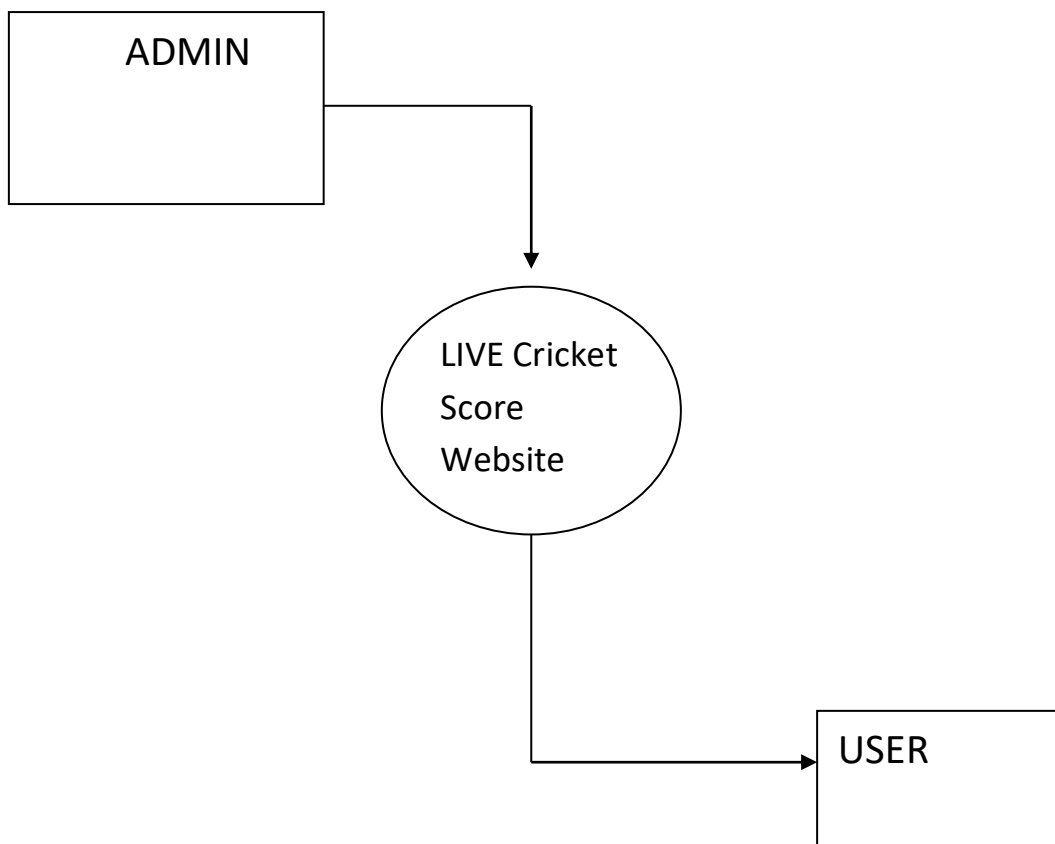
Ms.Ankita Wandhawan

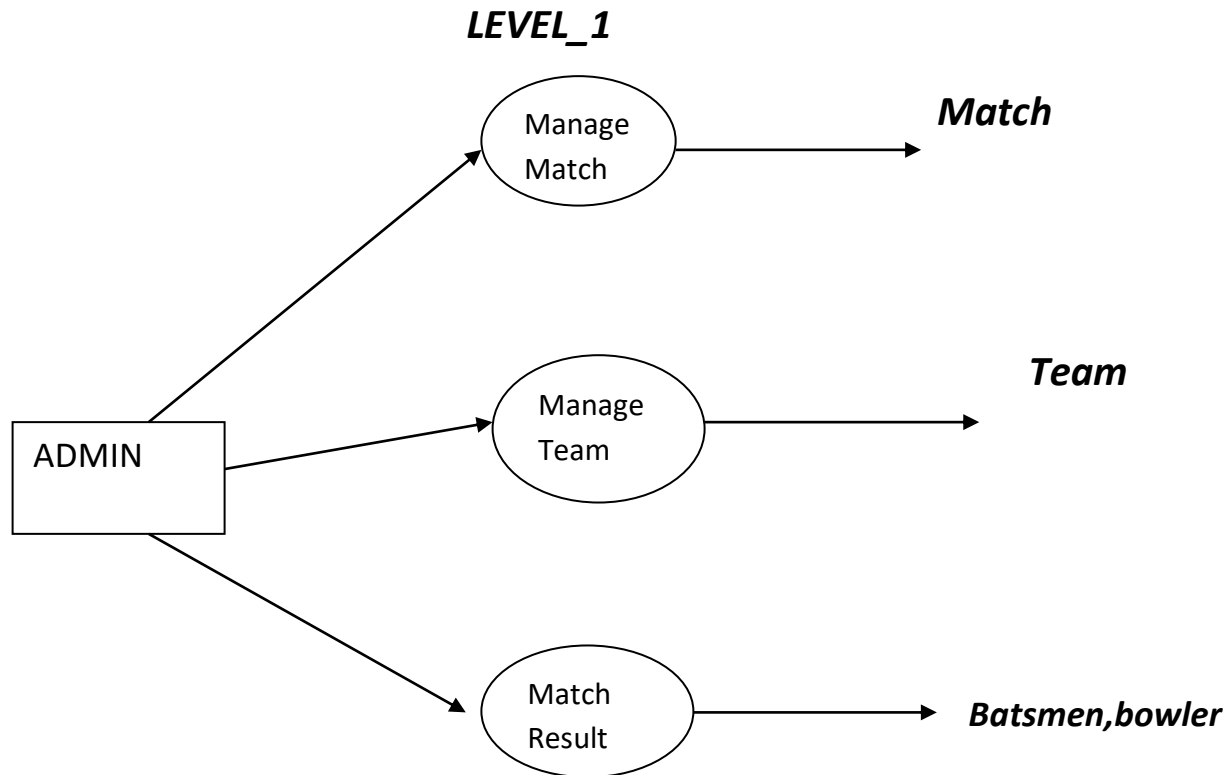
INTRODUCTION :

The application is about getting an information of live Cricket ongoing IPL using Python .As we all use cricbuzz and other apps to view live ipl scores we can also access the same information through python using some coding .In python we have few libraries which helps in implementing the application .This GUI gives a brief description of the match like team players, scores, bowlers, batsmen etc.

DATAFLOW DIAGRAMS:

LEVEL_0

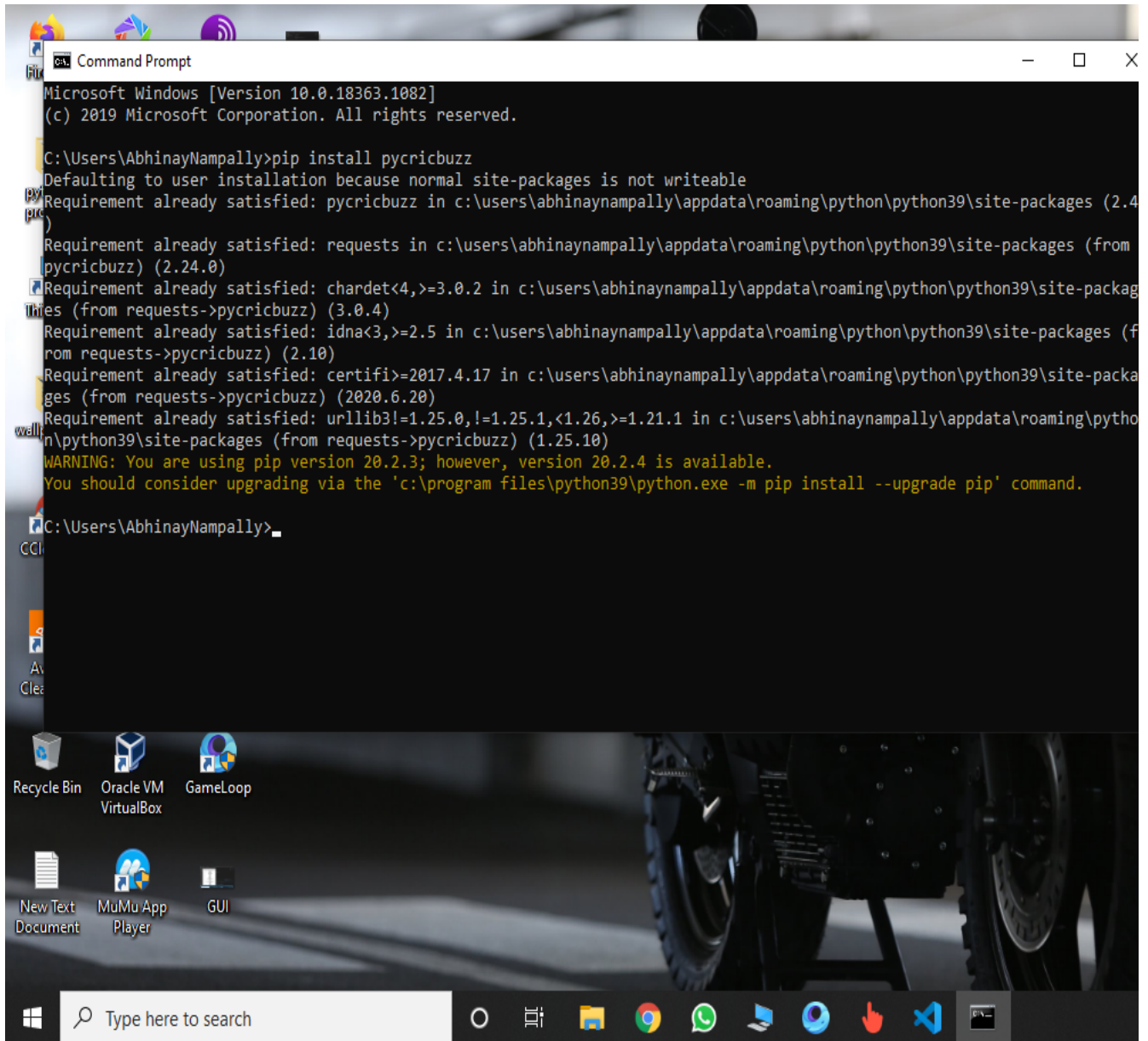




Result:

- The application gives the summary of the live ongoing ipl cricket match or the last match if there is no live on going matches.
- This also give a brief overall result of particular match that was played.
- This also gives a brief scored board wirh batsmen and bowlers , loss of wickets ,extras etc.

Screenshot



```
Microsoft Windows [Version 10.0.18363.1082]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\AbhinayNampally>pip install pycricbuzz
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: pycricbuzz in c:\users\abhinaynampally\appdata\roaming\python\python39\site-packages (2.4
Requirement already satisfied: requests in c:\users\abhinaynampally\appdata\roaming\python\python39\site-packages (from
pycrbuzz) (2.24.0)
Requirement already satisfied: chardet<4,>=3.0.2 in c:\users\abhinaynampally\appdata\roaming\python\python39\site-packag
es (from requests->pycrbuzz) (3.0.4)
Requirement already satisfied: idna<3,>=2.5 in c:\users\abhinaynampally\appdata\roaming\python\python39\site-packages (f
rom requests->pycrbuzz) (2.10)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\abhinaynampally\appdata\roaming\python\python39\site-packa
ges (from requests->pycrbuzz) (2020.6.20)
Requirement already satisfied: urllib3!=1.25.0,!1.25.1,<1.26,>=1.21.1 in c:\users\abhinaynampally\appdata\roaming\pytho
n\python39\site-packages (from requests->pycrbuzz) (1.25.10)
WARNING: You are using pip version 20.2.3; however, version 20.2.4 is available.
You should consider upgrading via the 'c:\program files\python39\python.exe -m pip install --upgrade pip' command.

C:\Users\AbhinayNampally>
```

The above picture shows what are the required library to install for on going GUI application in python by command prompt in windows. Firstly install pip function and then pycricbuzz by entering “pip install pycricbuzz” to get the scorecard data from cricbuzz.

The image shows a Visual Studio Code editor window titled "1.py - python project - Visual Studio Code". The Explorer sidebar on the left shows a project structure with files like "1.py" and "sports.py". The main editor area displays the content of "1.py", which is a Python script for a cricket scorecard application. The script includes logic for printing scores, replacing commas with newlines, and creating Tkinter labels and grid widgets. The bottom panel shows the TERMINAL output, which displays the execution of the script, resulting in a printed cricket scorecard for Kings XI Punjab and Delhi Capitals.

```
1.py
20 print(a)
21 for b in score[a]:
22     print(b,':',score[a][b])
23
24 s=str(score_board)
25 k=s.replace(",","\n")
26
27 score1=Label(root,font=("time",15,"bold"),bg="white",text=k)
28 score1.grid(row=2,column=2,pady=25,padx=100)
29
30
31 root.mainloop()
```

PROBLEMS 100 OUTPUT DEBUG CONSOLE TERMINAL

1: Python

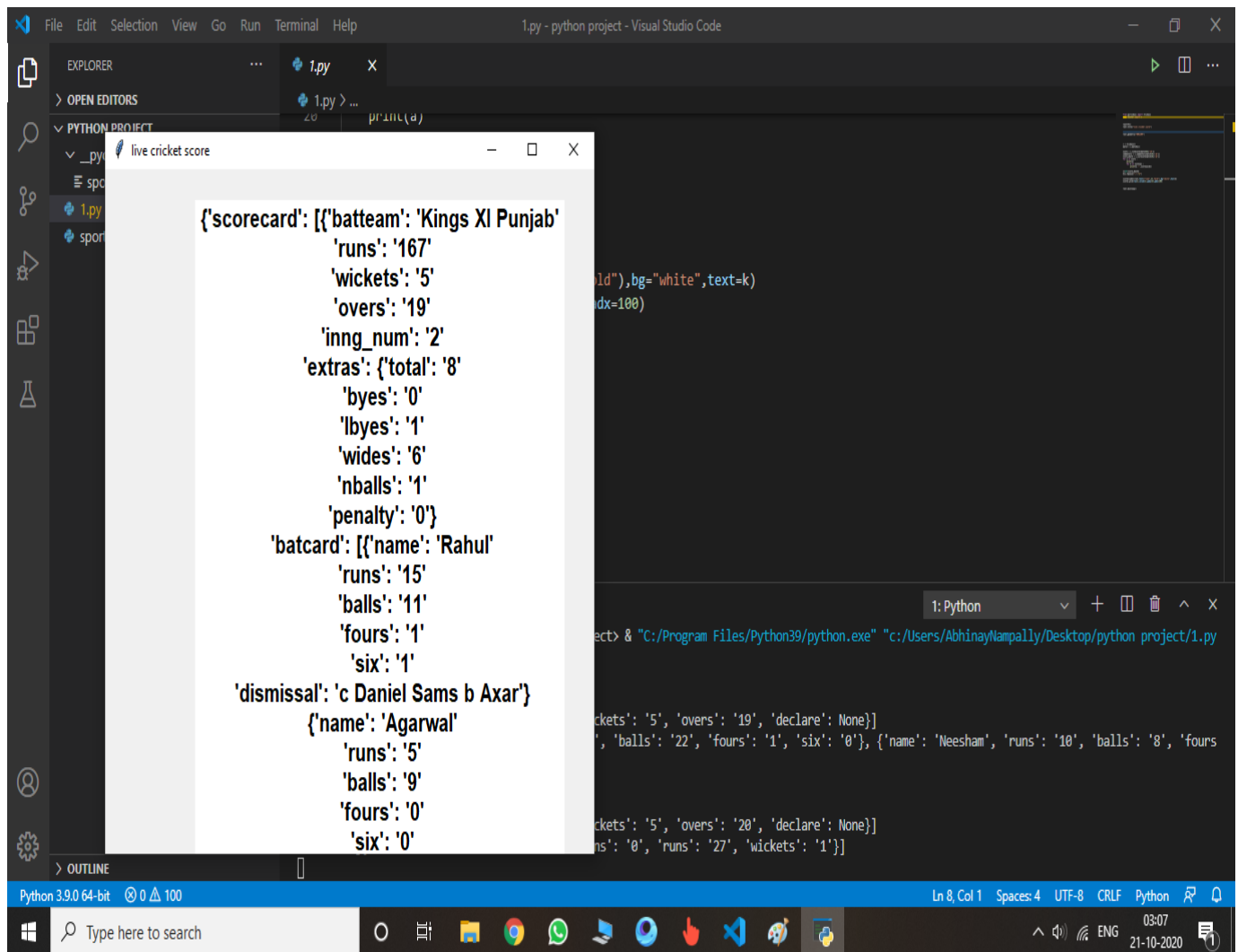
PS C:\Users\AbhinayNampally\Desktop\python project> & "C:/Program Files/Python39/python.exe" "c:/Users/AbhinayNampally/Desktop/python project/1.py"

batting
team : Kings XI Punjab
score : [{'inning_num': '2', 'runs': '167', 'wickets': '5', 'overs': '19', 'declare': None}]
batsman : [{'name': 'Deepak Hooda', 'runs': '15', 'balls': '22', 'fours': '1', 'six': '0'}, {'name': 'Neesham', 'runs': '10', 'balls': '8', 'fours': '0', 'six': '1'}]
bowling
team : Delhi Capitals
score : [{'inning_num': '1', 'runs': '164', 'wickets': '5', 'overs': '20', 'declare': None}]
bowler : [{'name': 'Axar', 'overs': '4', 'maidens': '0', 'runs': '27', 'wickets': '1'}]

PS C:\Users\AbhinayNampally\Desktop\python project>

Python 3.9.0 64-bit 0 100 Ln 8, Col 1 Spaces: 4 UTF-8 CRLF Python

The above image shows the terminal of the given application this helps us when we are unable to get complete data from GUI visualization due to screen resolution.so,we can also get data from terminal.



The above picture gives the output of GUI application which gives detailed description of the on going match. As, we can observe the GUI is titled with “live cricket score”. We can name the GUI with whatever name we want and also we can set the resolution of the GUI.

THANKYOU

