A Project Report On
"CRICKET DATABASE MANAGEMENT"

Submitted By:

CH.Akshith

CBSE Roll No :

School No: 63

Class: XII B

Under the Guidance of

Mr. Anoop V S

PGT (Computer Science)

Department of Computer Science

SAINIK SCHOOL KALIKIRI

<u>Department of Computer Science</u>

<u>SAINIK SCHOOL KALIKIRI</u>

This is to certify that **Cdt. CH.Akshith,** Roll No. 63 of Class XII has prepared the report on the Project entitled **"CRICKET DATABASE MANAGEMENT"**. The report is the result of his efforts & endeavors. The report is found worthy of acceptance as final project report for the subject Computer Science of Class XII.

Signature	Signature
(Internal Examiner)	(External Examiner)

DECLARATION

I hereby declare that the project work entitled "**CRICKET DATABASE MANAGEMENT**", submitted to Department of **Computer Science**, SAINIK SCHOOL KALIKIRI is **prepared by me**. All the **coding** is the result of my **personal efforts**.

Cdt. CH.Akshith
Roll No: 63
Class: XII B
SAINIK SCHOOL KALIKIRI

ACKNOWLEDGEMENT

I would like to express a deep sense of thanks & gratitude to my **project guide Mr. Anoop V S** Sir for guiding me immensely through the course of the project. He always evinced keen interest in my work. His constructive advice & **constant motivation** have been responsible for the **successful** completion of this project.

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Last but not the least, I would like to thank all those who had helped directly or indirectly towards the completion of this project.

Cdt. CH.Akshith
Roll No:63
Class: XII B
SAINIK SCHOOL KALIKIRI

CONTENTS

1. WORKING DESCRIPTION

1.Format table

- This shows a table that contains international statistics of all players that are present in the database.

2.Individual player stats

- This shows the statistics of a individual player.
- User is provided with a set of players that are present in the database from which he could select his choice.

3.Updating player stats

- This feature is used to update the statistcs of the set of players that are present in the database.

4.Adding a new player

- This feature is used to add a new player to the database.
- But the statstics of the player are saved as 0 by default.
- So user has to update the newly added player stats using update feature.

5.Deleting a retired player

- This feature is used to delete a retired player from the database.
- Once deleted,all the statiscs of the player are removed automatically.

6.Exiting the program

- After user completes all his queries he can exit the program by this option.

2.1 SOURCE FILE

```
import mysql.connector as sq
from prettytable import PrettyTable

formats_list = ['TEST', 'ODI', 'T20']
player_type_list = ['BATSMEN', 'BOWLERS']
type_dict = {'1': 'batsmen',
             '2': 'bowlers'}
format_dict = {
    '1': 'test',
    '2': 'odi',
    '3': 't20'
}
batsmen_orderby = ['Matches Played', 'Runs Scored', 'Strike Rate',
                   'Average', 'Half Centuries', 'Centuries', 'Highest
Score']
bowlers_orderby = ['Matches Played', 'Wickets Taken',
                   'Economy', '5 Wickets In A Match']
batsmen_orderby_dict = {
    '1': 'matchesPlayed',
    '2': 'runsScored',
    '3': 'strikeRate',
    '4': 'average',
    '5': 'halfCenturies',
    '6': 'centuries',
    '7': 'highestScore'}
bowlers_orderby_dict = {
    '1': 'matchesPlayed',
    '2': 'wicketsTaken',
    '3': 'economy',
    '4': '5wicketsInAMatch'}
order_type_dict = {
    '1': '',
    '2': 'desc'}
batsmen_fields = ['Name', 'DOB', 'Matches Played', 'Runs Scored',
'Strike Rate',
                  'Average', 'Half Centuries', 'Centuries', 'Highest
Score']
bowlers_fields = ['Name', 'DOB', 'Matches Played', 'Wickets Taken',
                  'Economy', '5 Wickets In A Match']


def exit_program():
    """Exits the program when called"""
    print("Thank you for using our program")
    exit()



def establish_connection():
    """Establishes connection the the mysql database"""
    conn = sq.connect(host='localhost', user='root',
                      password='student', database='cricket')
    cursor = conn.cursor()

    return conn, cursor



def print_format_type():
    """Prints the format types to choose option"""
    print(f"--- FORMAT TYPE ---")
    for i in range(len(formats_list)):
        print(f'Press ({i + 1}) for', formats_list[i])
    print()
    return None



def print_player_type():
    """Prints the player types to choose an option"""
    print(f"--- PLAYER TYPE ---")
    for i in range(len(player_type_list)):
        print(f'Press ({i + 1}) for', player_type_list[i])
    print()
    return None



def get_order_based_on(player_type):
    """Prints the order types to choose an option"""
    if player_type == 'batsmen':
        """The order type is bowler"""
        while True:
            print(f"--- Order Value ---")
            for i in range(len(batsmen_orderby)):
                print(f"Press ({i + 1}) to order by
{batsmen_orderby[i]}")
            print()
            order_value_input = input("Enter the desired order number :
")
            if order_value_input in batsmen_orderby_dict:
                order_value = batsmen_orderby_dict[order_value_input]
                while True:
                    print("-- Order Type")
                    print("Press (1) for ascending order")
                    print("Press (2) for descending order")
                    order_type_input = input("Enter the desired number : 
")
                    if order_type_input in order_type_dict:
                        order_type = order_type_dict[order_type_input]
                        return order_value, order_type
                    else:
                        print(
                            f"<{order_type_input}> is an invalid input. 
Please Try Again")
                        continue
            else:
                print(
                    f"<{order_value_input}> in an invalid order input. 
Please Try Again")
                continue

    elif player_type == 'bowlers':
        """The order type is bowlers"""
        while True:
            print(f"--- Order Value ---")
            for i in range(len(bowlers_orderby)):
                print(f"Press ({i + 1}) to order by 
{bowlers_orderby[i]}")
            print()
            order_value_input = input("Enter the desired order number : 
")
            if order_value_input in bowlers_orderby_dict:
                order_value = bowlers_orderby_dict[order_value_input]
                while True:
                    print("-- Order Type")
                    print("Press (1) for ascending order")
                    print("Press (2) for descending order")
                    order_type_input = input("Enter the desired number : 
")
                    if order_type_input in order_type_dict:
                        order_type = order_type_dict[order_type_input]
                        return order_value, order_type
                    else:
                        print(
                            f"<{order_type_input}> is an invalid input. 
Please Try Again")
                        continue
            else:
                print(
                    f"<{order_value_input}> in an invalid order input.
Please Try Again")
                continue
    else:
        return None, None


def get_format_and_type():
    """Prints the format and type to get options"""
    while True:
        print_format_type()
        format_input = input("Enter the format type : ")

        if format_input in format_dict:
            return_format = format_dict[format_input]
            print()
            while True:
                print_player_type()
                type_input = input("Enter the player type : ")
                if type_input in type_dict:
                    return_type = type_dict[type_input]
                    return return_format, return_type
                else:
                    print(
                        f"<{type_input}> is an invalid input. Please Try
Again\n")
                    continue
        else:
            print(f"<{format_input}> is an invalid input. Pleae Try
Again\n")
            continue


def get_players_name_from_type():
    print_player_type()
    usertype_input = input("Enter an option from above : ")
    if usertype_input in type_dict:
        usertype_input = type_dict[usertype_input]
    else:
        print(f"{usertype_input} is an invalid input. Please Try again")
    conn = sq.connect(host='localhost', user='root',
                      password='student', database='cricket')
    cursor = conn.cursor()
    data = cursor.execute(
        f"SELECT name from {'test'+usertype_input}")
    data = cursor.fetchall()
    nametable = PrettyTable()
    playersname = []
    nametable.field_names = ['Name']
    for row in data:
        nametable.add_row([row[0]])
        playersname.append(row[0])

    print(nametable)
    gotname = False
    while not gotname:
        nameinput = input("Please Enter a name to see the data :
").lower()
        if nameinput in playersname:
            gotname = True
            print(nameinput, usertype_input)
            return nameinput, usertype_input

        else:
            print(f"<{nameinput}> is not there in the table. Please try
again")


def see_format_table():
    format, type = get_format_and_type()
    order_value, order_type = get_order_based_on(type)
    if order_type == '':
        print(
            f"Table for format:{format}, type:{type},
order_value:{order_value}, order_type:ascending")
    else:
        print(
            f"Table for format:{format}, type:{type},
order_value:{order_value}, order_type:descending")

    conn = sq.connect(host='localhost', user='root',
                      password='student', database='cricket')
    cursor = conn.cursor()
    tablename = format.lower() + type.lower()
    cursor.execute(
        f"SELECT * FROM {tablename} ORDER BY {order_value}
{order_type}")
    data = cursor.fetchall()
    table = PrettyTable()
    if type == 'batsmen':
        field_names_list = batsmen_fields
    else:
        field_names_list = bowlers_fields
    for row in data:
        row = list(row)
        table.field_names = field_names_list
        table.add_row(row)
    print(table)
    conn.close()


def print_player_table(playername, playertype):
    """user can see all the data of the player"""
    conn = sq.connect(host='localhost', user='root',
                      password='student', database='cricket')
    cursor = conn.cursor()

    if playertype == 'batsmen':
        querystring = "SELECT 
matchesPlayed,runsScored,strikeRate,average,halfCenturies,centuries,high
estScore FROM {} WHERE name = '{}'"
        datatable = PrettyTable()
        datatable.add_column('fields\\formats', batsmen_orderby)
    else:
        querystring = "SELECT 
matchesPlayed,wicketsTaken,economy,5wicketsInAMatch FROM {} WHERE name = 
'{}'"
        datatable = PrettyTable()
        datatable.add_column('fields\\formats', bowlers_orderby)

    for type in formats_list:
        cursor.execute(querystring.format(type.lower()+playertype, 
playername))
        data = cursor.fetchall()
        datatable.add_column(type, list(data[0]))
    conn.close()
    print(datatable)


def see_player_stats():
    "user can see the stats of a player"
    playername, playertype = get_players_name_from_type()
    conn = sq.connect(host='localhost', user='root',
                      password='student', database='cricket')
    cursor = conn.cursor()
    cursor.execute(
        f"SELECT dob FROM {'odi'+playertype} WHERE name =
'{playername}'")
    dob = cursor.fetchone()[0]
    conn.close()
    print(f"\nPlayer Name : {playername}")
    print(f"Type : {playertype}")
    print(f"DOB : {dob}\n")
    print_player_table(playername, playertype)

    return playername, playertype




def get_date():
    """user enters the date of the player"""
    print("- DATE INPUT -")
    day = input("Enter the day : ")
    month = input("Enter the month ('jan' for january) : ")
    year = input("Enter the year : ")
    date = f"{day} {month} {year}"
    return date

def delete_player():
    """user can delete a retired player from the database"""
    conn = sq.connect(host='localhost', user='root',
                      password='student', database='cricket')
    cursor = conn.cursor()

    plr_format, plr_type = get_format_and_type()
    get_table_name = plr_format+plr_type
    cursor.execute(f"select name from {get_table_name}")
    player_name = cursor.fetchall()
    print("Available players in the database")
    player_table = PrettyTable()
    player_table.field_names = ['Player Name']
    for row in player_name:
        player_table.add_row(row)

    print(player_table)
    print('\n')

    player_input = input("Enter the player name : ")
    check_val = False
    for row in player_name:
        if row[0].lower() == player_input.lower():
            check_val = True
            break

    if check_val:
        print("Player match found.\n")
        confirm_input = input("Do you want to delete the player (Y / N)
: ")
        if confirm_input.lower() == 'y':
            try:
                cursor.execute(f"delete from {get_table_name} where name
= '{player_input}'")
                conn.commit()
                print(f"You have successfully deleted <{player_input}>
from {plr_format} table")
            except conn.Error as err:
                print("The following error as occurred")
                print(err)
                conn.close()
                return None

        else:
            print("You chose not to delete the player.")
            conn.close()
            return None

    else:
        print("The enetered player does not exists. Please Try again")
        return None


    conn.close()




def add_new_player():
    """user can add a player to the database"""
    print("You chose to add a new player to the database\n")
    conn = sq.connect(host='localhost', user='root',
                      password='student', database='cricket')
    cursor = conn.cursor()
    plr_format, plr_type = get_format_and_type()
    get_table_name = 'odi'+plr_type
    cursor.execute(f"select name from {get_table_name}")
    player_name = cursor.fetchall()
    print("Available players in the database")
    player_table = PrettyTable()
    player_table.field_names = ['Player Name']
    for row in player_name:
        player_table.add_row(row)

    print(player_table)
    print('\n')
    player_input = input("Enter the player name : ")
    for name in player_name:
        if name[0].lower() == player_input.lower():
            print(f"<{player_input}> already exists in the database.
Please update the data")
            conn.close()
            return None
    player_dob = get_date()

    if plr_type == 'batsmen':
        cursor.execute(f"insert into {'test'+plr_type} values
('{player_input}','{player_dob}',{0},{0},{0.0},{0.0},{0},{0},{0})")
        cursor.execute(f"insert into {'odi'+plr_type} values
('{player_input}','{player_dob}',{0},{0},{0.0},{0.0},{0},{0},{0})")
        cursor.execute(f"insert into {'t20'+plr_type} values
('{player_input}','{player_dob}',{0},{0},{0.0},{0.0},{0},{0},{0})")

    elif plr_type == 'bowlers':
        cursor.execute(f"insert into {'test'+plr_type} values
('{player_input}','{player_dob}',{0},{0},{0.0},{0})")
        cursor.execute(f"insert into {'odi'+plr_type} values
('{player_input}','{player_dob}',{0},{0},{0.0},{0})")
        cursor.execute(f"insert into {'t20'+plr_type} values
('{player_input}','{player_dob}',{0},{0},{0.0},{0})")

    conn.commit()
    print("The data has been added sucessfully. To update the stats use
<update option>")

    conn.close()



def get_specific_value(playername, playertype, playerformat,
ordervalue):
    conn = sq.connect(host='localhost', user='root',
                      password='student', database='cricket')
    cursor = conn.cursor()
    cursor.execute(
        f"SELECT {ordervalue} FROM {playerformat+playertype} WHERE name
= '{playername}'")
```

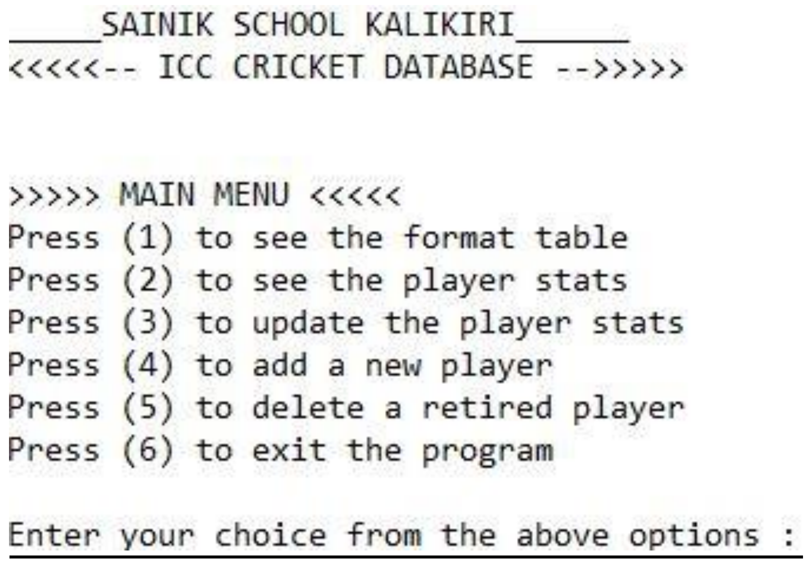
```
    value = cursor.fetchone()
    conn.close()
    return value



def update_player_stats():
    """user can update stats of a player"""
    playername, playertype = see_player_stats()
    while True:
        print_format_type()
        format_input = input("Select a format to update : ")
        if format_input in format_dict:
            playerformat = format_dict[format_input]
        else:
            print(f"<{format_input}> is invalid format. Please Try 
Again")
            continue
        print(playerformat)
        if playertype == 'batsmen':
            playerlist = batsmen_orderby
            playerdict = batsmen_orderby_dict
        else:
            playerlist = bowlers_orderby
            playerdict = bowlers_orderby_dict
        while True:
            print(f"--- Player Data ---")
            for i in range(len(playerlist)):
                print(f"Press ({i + 1}) to update {playerlist[i]}")
            print()
            order_value_input = input("Enter the desired order number : 
")
            if order_value_input in playerdict:
                ordervalue = playerdict[order_value_input]
            else:
                print(f"<{order_value_input}> is invalid. Please Try 
Again")
                continue
            present_value = get_specific_value(
                playername, playertype, playerformat, ordervalue)

            print(f"The current value of {ordervalue} is 
{present_value[0]}")
            confirm_input = input("Are you sure you want to update (Y / 
N) : ")
            if confirm_input.lower() == 'y':
                value_input = input(f"Enter the new value for
{ordervalue} : ")
                if isinstance(present_value, int):
                    try:
                        value_input = int(value_input)
                    except ValueError:
                        print(
                            f"{value_input} is invalid data for
updating. Please Try Again")
                        continue
                else:
                    try:
                        value_input = float(value_input)
                    except ValueError:
                        print(
                            f"{value_input} is invalid data for
updating. Please Try Again")
                        continue
                conn = sq.connect(host='localhost', user='root',
                                  password='student',
database='cricket')
                cursor = conn.cursor()
                try:
                    cursor.execute(
                        f"UPDATE {playerformat+playertype} SET
{ordervalue} = {value_input} WHERE name = '{playername}'")
                    conn.commit()
                except sq.Error:
                    print("An Error Occurred while updating the data.
Please Try Again")
                    return None
                print("#"*20)
                print("Data Updated Sucessfully")
                print("#"*20, '\n')
                print_player_table(playername, playertype)
                break

            else:
                print("You chose not to update the data.")
                return None

        update_more = input("Do you want to update more (Y / N) : ")
        if update_more.lower() == 'y':
            continue
        else:
            return None
```

2.2 MAIN FILE

```
import os
import src

heading = """_____SAINIK SCHOOL KALIKIRI______
<<<<<-- ICC CRICKET DATABASE MANAGEMENT -->>>>>\n"""

menu = """\n>>>>> MAIN MENU <<<<<
Press (1) to see the format table
Press (2) to see the player stats
Press (3) to update the player stats
Press (4) to add a new player
Press (5) to delete a retired player
Press (6) to exit the program\n"""

menu_dict = {
    '1': src.see_format_table,
    '2': src.see_player_stats,
    '3': src.update_player_stats,
    '4': src.add_new_player,
    '5': src.delete_player,
    '6': src.exit_program
                    }

def main():
    os.system('cls')
    print(heading)

    while True:
        print(menu)

        user_input = input("Enter your choice from the above options : 
")

        if user_input in menu_dict:
            menu_dict[user_input]()

        else:
            print("You have entered an invalid input. Please try again")
            continue


if __name__ == '__main__':
    main()
```

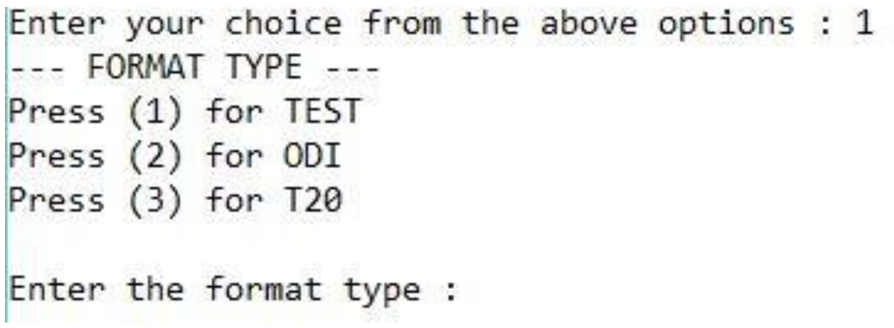
3.OUTPUT SCREENS

O.HOME MENU



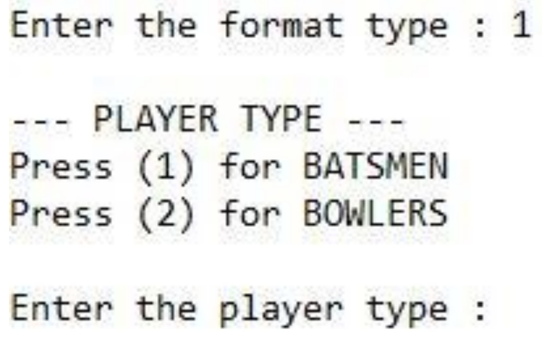
```
_____SAINIK SCHOOL KALIKIRI______
<<<<<-- ICC CRICKET DATABASE -->>>>>


>>>>> MAIN MENU <<<<<
Press (1) to see the format table
Press (2) to see the player stats
Press (3) to update the player stats
Press (4) to add a new player
Press (5) to delete a retired player
Press (6) to exit the program

Enter your choice from the above options :
```

1. FORMAT TABLE FEATURE



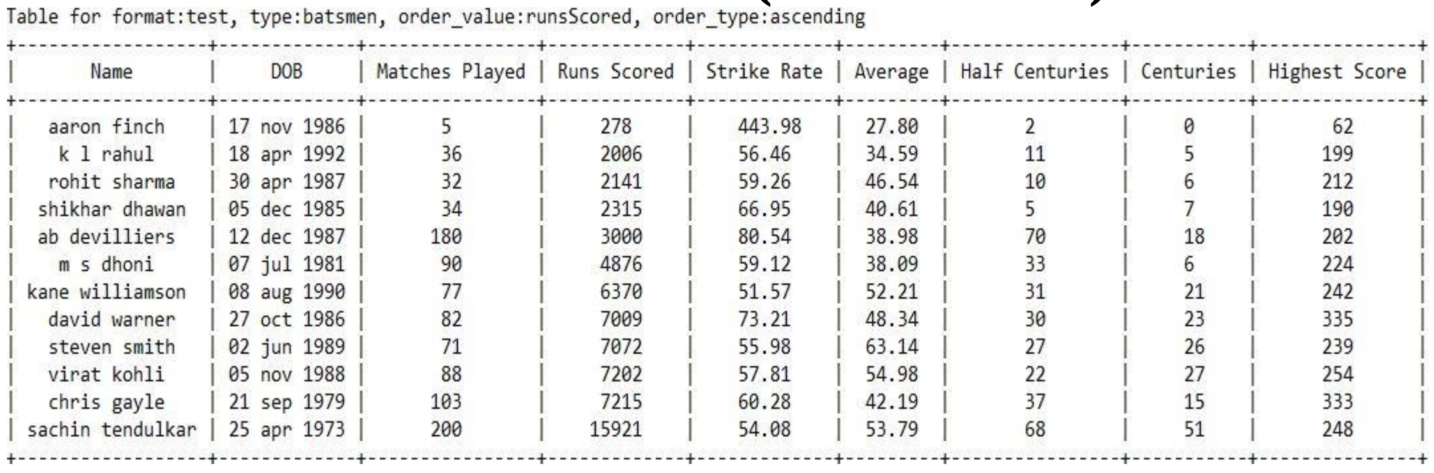
```
Enter your choice from the above options : 1
--- FORMAT TYPE ---
Press (1) for TEST
Press (2) for ODI
Press (3) for T20

Enter the format type :
```

1.1 OPTION 1(TEST)



```
Enter the format type : 1

--- PLAYER TYPE ---
Press (1) for BATSMEN
Press (2) for BOWLERS

Enter the player type :
```

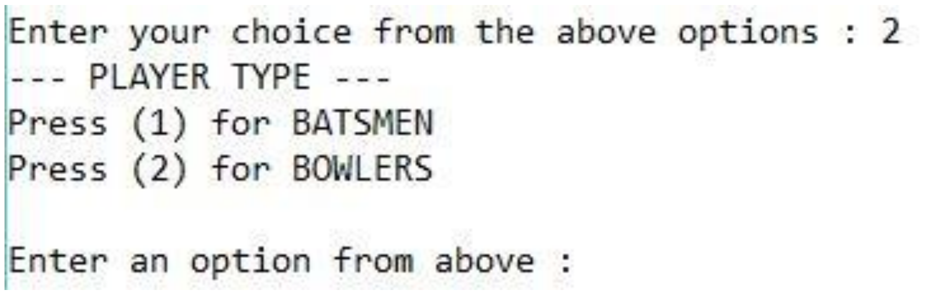
1.1.1 OPTION 1(BATSMEN)



```
Table for format:test, type:batsmen, order_value:runsScored, order_type:ascending
+------------------+------------+----------------+-------------+-------------+---------+----------------+-----------+---------------+
|       Name       |    DOB     | Matches Played | Runs Scored | Strike Rate | Average | Half Centuries | Centuries | Highest Score |
+------------------+------------+----------------+-------------+-------------+---------+----------------+-----------+---------------+
|   aaron finch    | 17 nov 1986 |       5        |     278     |   443.98    |  27.80  |       2        |     0     |      62       |
|    k l rahul     | 18 apr 1992 |       36       |    2006     |    56.46    |  34.59  |       11       |     5     |      199      |
|   rohit sharma   | 30 apr 1987 |       32       |    2141     |    59.26    |  46.54  |       10       |     6     |      212      |
|  shikhar dhawan  | 05 dec 1985 |       34       |    2315     |    66.95    |  40.61  |       5        |     7     |      190      |
|  ab devilliers   | 12 dec 1987 |      180       |    3000     |    80.54    |  38.98  |       70       |     18    |      202      |
|    m s dhoni     | 07 jul 1981 |       90       |    4876     |    59.12    |  38.09  |       33       |     6     |      224      |
| kane williamson  | 08 aug 1990 |       77       |    6370     |    51.57    |  52.21  |       31       |     21    |      242      |
|   david warner   | 27 oct 1986 |       82       |    7009     |    73.21    |  48.34  |       30       |     23    |      335      |
|   steven smith   | 02 jun 1989 |       71       |    7072     |    55.98    |  63.14  |       27       |     26    |      239      |
|   virat kohli    | 05 nov 1988 |       88       |    7202     |    57.81    |  54.98  |       22       |     27    |      254      |
|   chris gayle    | 21 sep 1979 |      103       |    7215     |    60.28    |  42.19  |       37       |     15    |      333      |
| sachin tendulkar | 25 apr 1973 |      200       |    15921    |    54.08    |  53.79  |       68       |     51    |      248      |
+------------------+------------+----------------+-------------+-------------+---------+----------------+-----------+---------------+
```

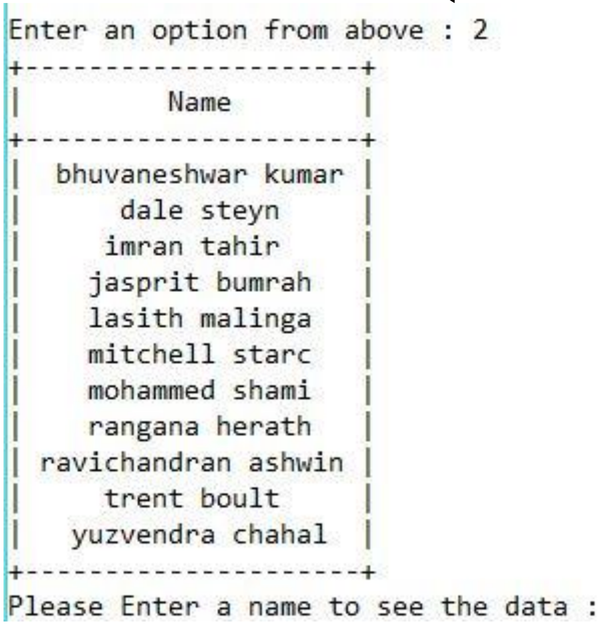
- IN THIS FEATURE THE ORDER OF THE ARRANGEMENT CAN BE CHOSEN.

2. VIEWING PLAYER STATS



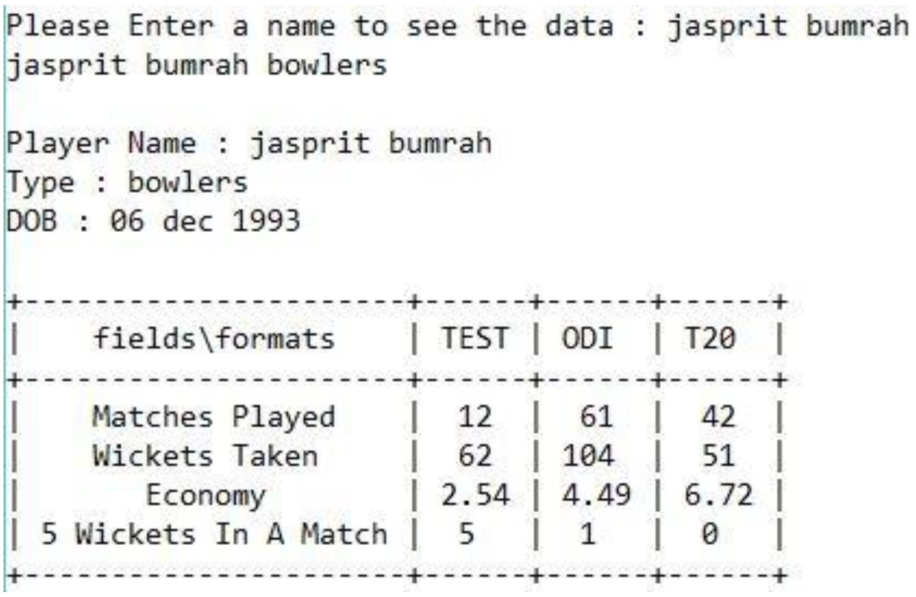
```
Enter your choice from the above options : 2
--- PLAYER TYPE ---
Press (1) for BATSMEN
Press (2) for BOWLERS

Enter an option from above :
```

2.1 PLAYER STATS(BOWLER)



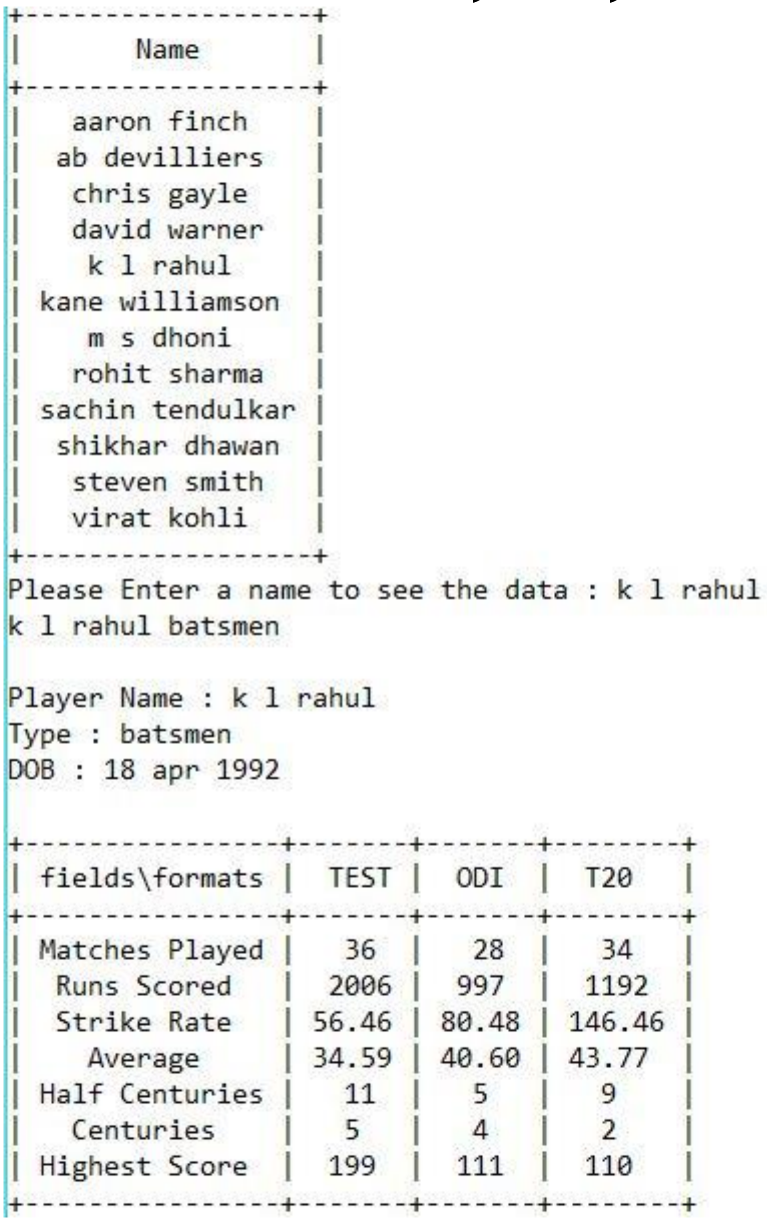
```
Enter an option from above : 2
+---------------------+
|        Name         |
+---------------------+
|  bhuvaneshwar kumar |
|     dale steyn      |
|    imran tahir      |
|   jasprit bumrah    |
|   lasith malinga    |
|   mitchell starc    |
|   mohammed shami    |
|   rangana herath    |
| ravichandran ashwin |
|    trent boult      |
|  yuzvendra chahal   |
+---------------------+
Please Enter a name to see the data :
```

2.1.1 INDIVIDUAL STATS

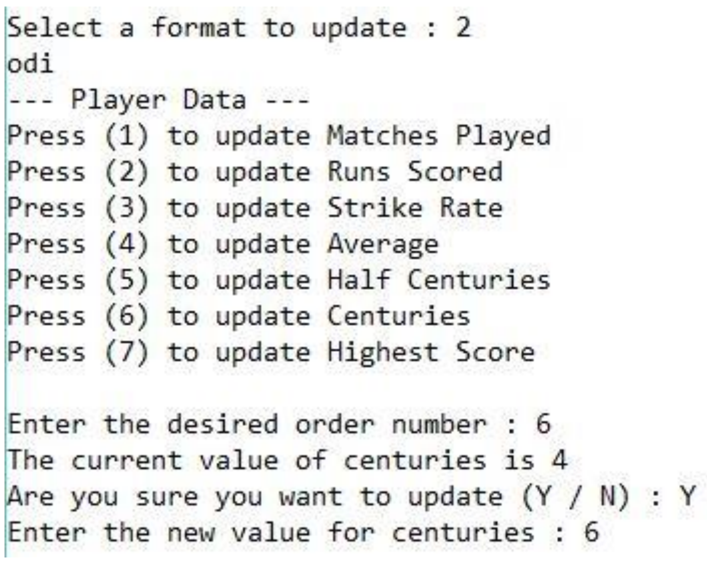


```
Please Enter a name to see the data : jasprit bumrah
jasprit bumrah bowlers

Player Name : jasprit bumrah
Type : bowlers
DOB : 06 dec 1993

+----------------------+------+------+------+
|    fields\formats    | TEST | ODI  | T20  |
+----------------------+------+------+------+
|    Matches Played    |  12  |  61  |  42  |
|    Wickets Taken     |  62  | 104  |  51  |
|       Economy        | 2.54 | 4.49 | 6.72 |
| 5 Wickets In A Match |  5   |  1   |  0   |
+----------------------+------+------+------+
```

3. UPDATING A PLAYER STATS (BATSMEN-K L RAHUL,ODI,CENTURIES)

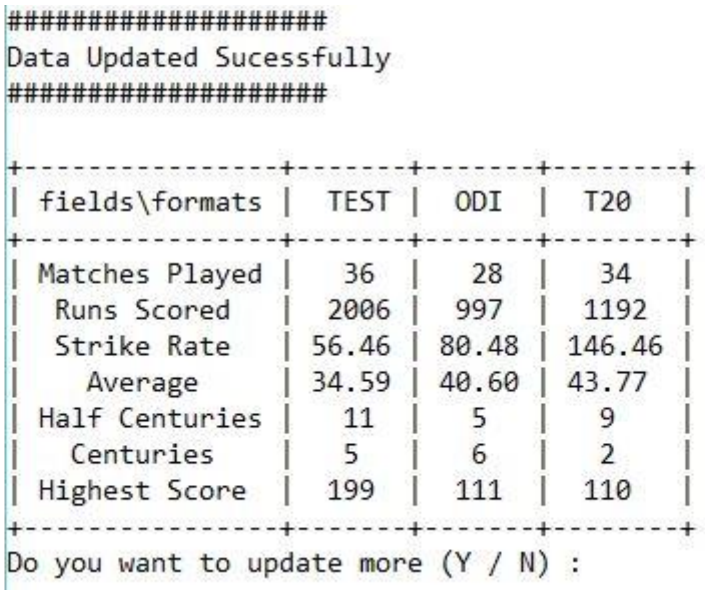


```
+------------------+
|       Name       |
+------------------+
|   aaron finch    |
|  ab devilliers   |
|   chris gayle    |
|   david warner   |
|     k l rahul    |
| kane williamson  |
|     m s dhoni    |
|   rohit sharma   |
| sachin tendulkar |
|  shikhar dhawan  |
|   steven smith   |
|   virat kohli    |
+------------------+
Please Enter a name to see the data : k l rahul
k l rahul batsmen

Player Name : k l rahul
Type : batsmen
DOB : 18 apr 1992

+----------------+-------+-------+--------+
| fields\formats |  TEST |  ODI  |  T20   |
+----------------+-------+-------+--------+
| Matches Played |   36  |   28  |   34   |
|  Runs Scored   |  2006 |  997  |  1192  |
|  Strike Rate   | 56.46 | 80.48 | 146.46 |
|    Average     | 34.59 | 40.60 | 43.77  |
| Half Centuries |   11  |   5   |   9    |
|   Centuries    |   5   |   4   |   2    |
| Highest Score  |  199  |  111  |  110   |
+----------------+-------+-------+--------+
```



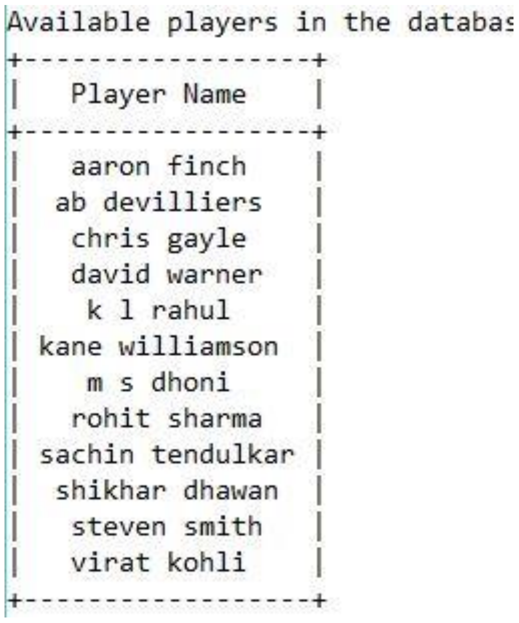
```
Select a format to update : 2
odi
--- Player Data ---
Press (1) to update Matches Played
Press (2) to update Runs Scored
Press (3) to update Strike Rate
Press (4) to update Average
Press (5) to update Half Centuries
Press (6) to update Centuries
Press (7) to update Highest Score

Enter the desired order number : 6
The current value of centuries is 4
Are you sure you want to update (Y / N) : Y
Enter the new value for centuries : 6
```

3.1 UPDATED STATS



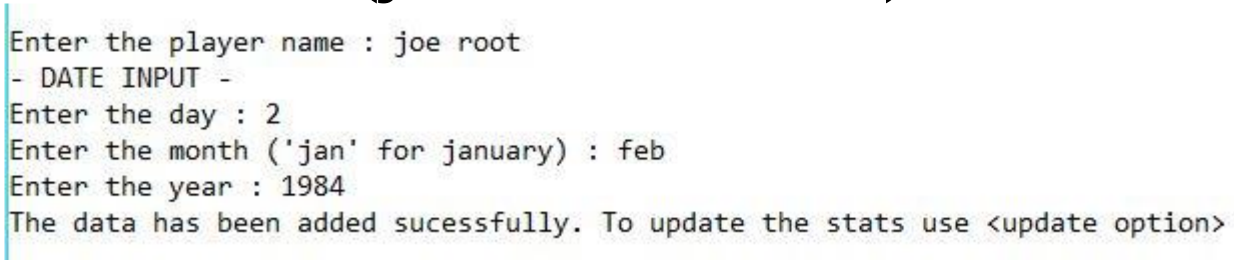
```
####################
Data Updated Sucessfully
####################

+----------------+-------+-------+--------+
| fields\formats | TEST  |  ODI  |  T20   |
+----------------+-------+-------+--------+
| Matches Played |  36   |  28   |   34   |
|  Runs Scored   | 2006  |  997  |  1192  |
|  Strike Rate   | 56.46 | 80.48 | 146.46 |
|    Average     | 34.59 | 40.60 | 43.77  |
| Half Centuries |  11   |   5   |   9    |
|   Centuries    |   5   |   6   |   2    |
| Highest Score  |  199  |  111  |  110   |
+----------------+-------+-------+--------+
Do you want to update more (Y / N) :
```

5. ADDING A NEW PLAYER TO THE DATABASE



```
Available players in the databas
+------------------+
|   Player Name    |
+------------------+
|   aaron finch    |
|  ab devilliers   |
|   chris gayle    |
|   david warner   |
|    k l rahul     |
|  kane williamson |
|     m s dhoni    |
|   rohit sharma   |
| sachin tendulkar |
|  shikhar dhawan  |
|   steven smith   |
|    virat kohli   |
+------------------+
```

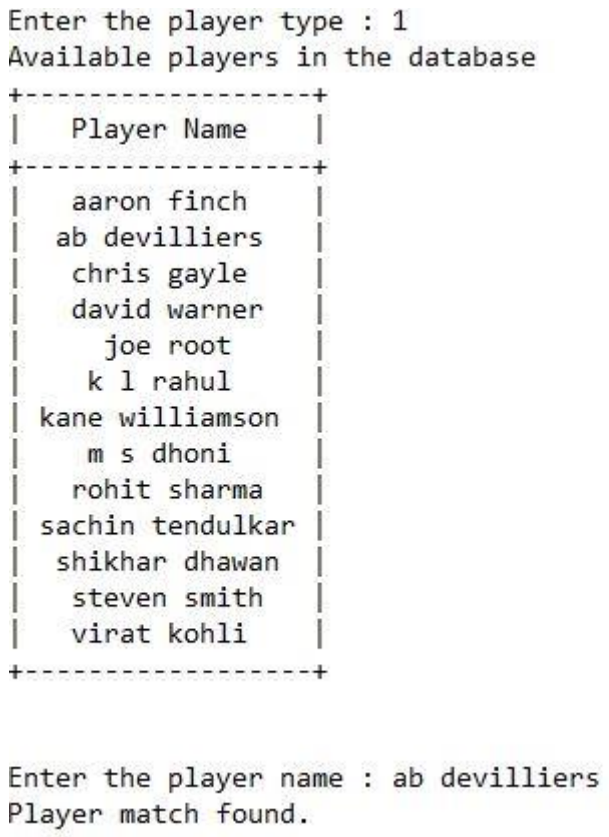
4.1 ADDING VALUES (joe root,2 feb 1984)



```
Enter the player name : joe root
- DATE INPUT -
Enter the day : 2
Enter the month ('jan' for january) : feb
Enter the year : 1984
The data has been added sucessfully. To update the stats use <update option>
```

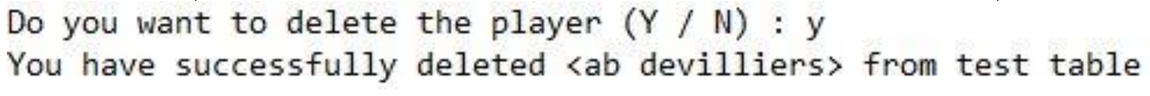
- **All the values of matches played,runs scored etc, are saved as 0 by default and those values are to be updated using update feature**

6. DELETING A RETIRED PLAYER



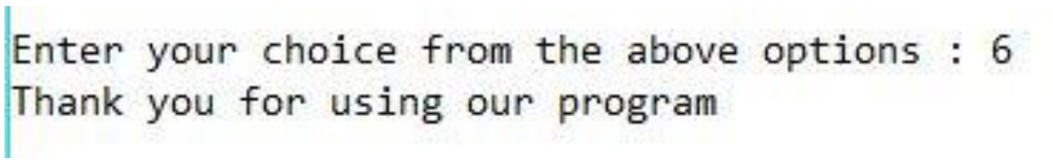
```
Enter the player type : 1
Available players in the database
+------------------+
|   Player Name    |
+------------------+
|   aaron finch    |
|  ab devilliers   |
|   chris gayle    |
|   david warner   |
|     joe root     |
|    k l rahul     |
| kane williamson  |
|    m s dhoni     |
|   rohit sharma   |
| sachin tendulkar |
|  shikhar dhawan  |
|   steven smith   |
|   virat kohli    |
+------------------+


Enter the player name : ab devilliers
Player match found.
```

5.1 DELETING PLAYER (ab devilliers from all formats)



```
Do you want to delete the player (Y / N) : y
You have successfully deleted <ab devilliers> from test table
```

6.EXITING PROGRAM



```
Enter your choice from the above options : 6
Thank you for using our program
```

<<<<END OF THE REPORT>>>>

4. BIBLIOGRAPHY

1. Computer Science with Python [Textbook XII] by Sumita Arora
2. https://ptable.readthedocs.io/en/latest/
3. https://docs.python.org/3/library/getpass.html