

# PHASE-5

## SCREENSHOTS

### Team 5

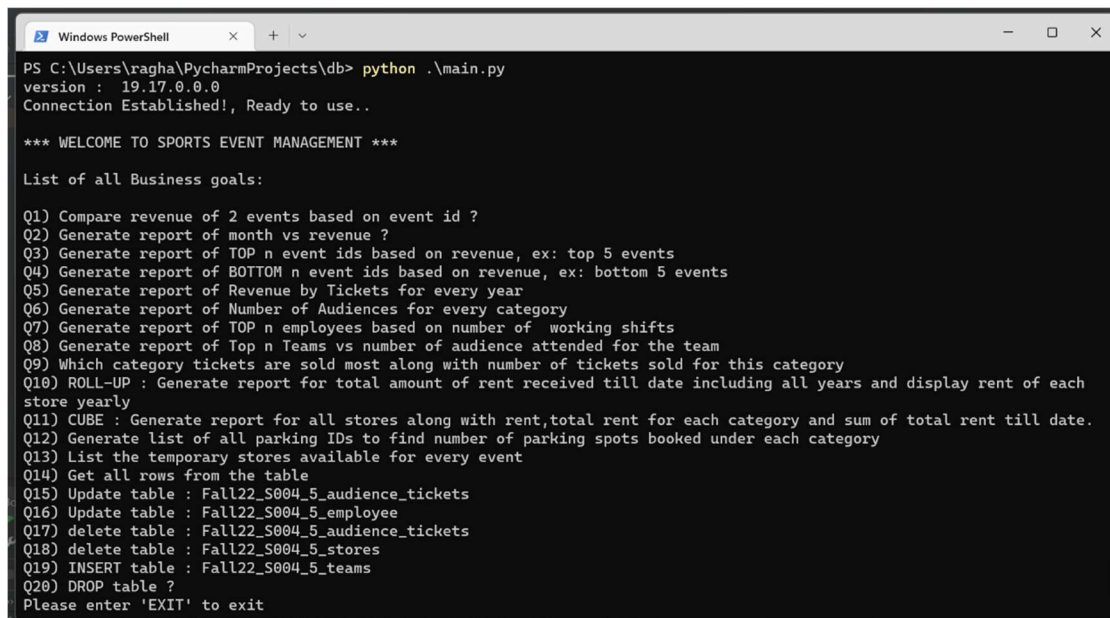
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#### 1) Welcome Page



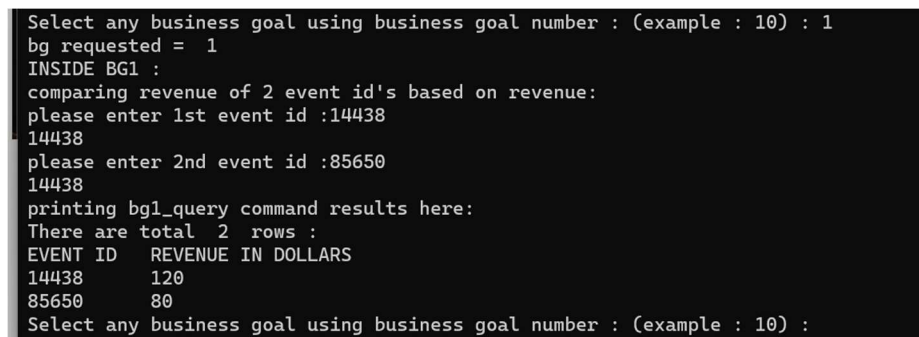
```
PS C:\Users\rasha\PycharmProjects\db> python .\main.py
version : 19.17.0.0.0
Connection Established!, Ready to use..

*** WELCOME TO SPORTS EVENT MANAGEMENT ***

List of all Business goals:

Q1) Compare revenue of 2 events based on event id ?
Q2) Generate report of month vs revenue ?
Q3) Generate report of TOP n event ids based on revenue, ex: top 5 events
Q4) Generate report of BOTTOM n event ids based on revenue, ex: bottom 5 events
Q5) Generate report of Revenue by Tickets for every year
Q6) Generate report of Number of Audiences for every category
Q7) Generate report of TOP n employees based on number of working shifts
Q8) Generate report of Top n Teams vs number of audience attended for the team
Q9) Which category tickets are sold most along with number of tickets sold for this category
Q10) ROLL-UP : Generate report for total amount of rent received till date including all years and display rent of each store yearly
Q11) CUBE : Generate report for all stores along with rent, total rent for each category and sum of total rent till date.
Q12) Generate list of all parking IDs to find number of parking spots booked under each category
Q13) List the temporary stores available for every event
Q14) Get all rows from the table
Q15) Update table : Fall22_S004_5.audience_tickets
Q16) Update table : Fall22_S004_5.employee
Q17) delete table : Fall22_S004_5.audience_tickets
Q18) delete table : Fall22_S004_5.stores
Q19) INSERT table : Fall22_S004_5.teams
Q20) DROP table ?
Please enter 'EXIT' to exit
```

#### 2) Business goal-1



```
Select any business goal using business goal number : (example : 10) : 1
bg requested = 1
INSIDE BG1 :
comparing revenue of 2 event id's based on revenue:
please enter 1st event id :14438
14438
please enter 2nd event id :85650
14438
printing bg1_query command results here:
There are total 2 rows :
EVENT ID  REVENUE IN DOLLARS
14438      120
85650      80
Select any business goal using business goal number : (example : 10) :
```

### 3) Business goal-2

```
Windows PowerShell
Select any business goal using business goal number : (example : 10) : 2
bg requested = 2
printing bg1_query command results here:
There are total 35 rows :
YEAR-MONTH REVENUE IN DOLLARS
2022-09 730
2020-10 600
2022-11 560
2020-11 530
2021-11 530
2022-10 500
2021-10 460
2022-05 440
2021-05 400
2022-01 400
2021-09 360
2020-02 320
2021-01 290
2020-07 280
2022-03 280
2020-12 240
2022-06 240
2021-06 240
2021-12 240
2021-07 240
2021-02 210
2020-05 210
2021-03 210
2020-04 200
2020-01 190
```

### 4) Business goal-3

```
Select any business goal using business goal number : (example : 10) : 3
bg requested = 3
Fetch top n event ids based on revenue generated :
please enter the n value :3
3
bg3_query :
SELECT Fall22_S004_5_audience_event.event_id AS EVENT_ID ,
SUM(
CASE ticket_category WHEN 'BRONZE' THEN '25'
WHEN 'SILVER' THEN '40'
WHEN 'GOLD ' THEN '60'
WHEN 'GOLD' THEN '60'
WHEN 'PLATINUM' THEN '80'END ) REVENUE
FROM Fall22_S004_5_audience_event
INNER JOIN Fall22_S004_5_audience_tickets
ON Fall22_S004_5_audience_event.audience_id = Fall22_S004_5_audience_tickets.audience_id
GROUP BY (Fall22_S004_5_audience_event.event_id) ORDER BY REVENUE DESC
fetch first 3 rows only
printing bg1_query command results here:
There are total 3 rows :
EVENT-ID REVENUE IN DOLLARS
34238 220
93005 220
14021 160
Select any business goal using business goal number : (example : 10) :
```

## 5) Business goal-4

```
Select any business goal using business goal number : (example : 10) : 4
bg requested = 4
Fetch bottom n event ids based on revenue generated :
please enter the n value :3
3
bg3_query :
SELECT Fall22_S004_5_audience_event.event_id AS EVENT_ID ,
SUM(
CASE ticket_category WHEN 'BRONZE' THEN '25'
WHEN 'SILVER' THEN '40'
WHEN 'GOLD ' THEN '60'
WHEN 'GOLD' THEN '60'
WHEN 'PLATINUM' THEN '80'END ) REVENUE
FROM Fall22_S004_5_audience_event
INNER JOIN Fall22_S004_5_audience_tickets
ON Fall22_S004_5_audience_event.audience_id = Fall22_S004_5_audience_tickets.audience_id
GROUP BY (Fall22_S004_5_audience_event.event_id) ORDER BY REVENUE ASC
fetch first 3 rows only
printing bg1_query command results here:
There are total 3 rows :
EVENT-ID REVENUE IN DOLLARS
45943 50
58107 50
10153 50
Select any business goal using business goal number : (example : 10) : |
```

## 6) Business goal-5

```
Select any business goal using business goal number : (example : 10) : 5
bg requested = 5
calculate annual revenue based on ticket sales :
There are total 3 rows :
YEAR REVENUE IN DOLLARS
2022 3660
2021 3360
2020 3090
Select any business goal using business goal number : (example : 10) :
```

## 7) Business goal-6

```
Select any business goal using business goal number : (example : 10) : 6
bg requested = 6
Generating a report of Number of Audiences for every category :
There are total 4 rows :
AUDIENCE CATEGORY No# OF Audience
FACULTY 39
STUDENT 91
SPECIAL GUEST 26
OUTSIDERS 44
Select any business goal using business goal number : (example : 10) : |
```

## 8) Business goal-7

```
Select any business goal using business goal number : (example : 10) : 7
bg requested = 7
Generate report of TOP n employees based on number of working shifts :
please enter the n value :3
3
bg3_query :
select employee_id , count(clock_out-clock_in) AS NO_OF_SHIFTS from Fall22_S004_5_event_employee
GROUP BY Fall22_S004_5_event_employee.employee_id ORDER BY NO_OF_SHIFTS DESC
fetch first 3 rows only
printing bg1_query command results here:
There are total 3 rows :
EMPLOYEE-ID Total Number of shifts
716877 5
903056 5
149923 5
Select any business goal using business goal number : (example : 10) : |
```

## 9) Business goal-8

```
Select any business goal using business goal number : (example : 10) : 8
bg requested = 8
fetch top n teams that has more number of people attending their games :
please enter the n value :3
3
bg3_query :
select Fall22_S004_5_event_teams.team,COUNT(Fall22_S004_5_audience_event.audience_id) AS NO_OF_ATTENDEES
from Fall22_S004_5_audience_event INNER JOIN
Fall22_S004_5_event_teams ON Fall22_S004_5_audience_event.event_id = Fall22_S004_5_event_teams.event_id
GROUP BY (Fall22_S004_5_event_teams.team) ORDER BY NO_OF_ATTENDEES DESC
fetch first 3 rows only
printing bg1_query command results here:
There are total 3 rows :
TEAM NAME                                #NO of Audience
Rio Grande Valley Vipers Mens Badminton    14
Tarleton State Texans Mens Badminton      10
Dallas Wings Mens Basketball              10
Select any business goal using business goal number : (example : 10) : |
```

## 10) Business goal-9

```
Select any business goal using business goal number : (example : 10) : 9
bg requested = 9
generating the category of tickets which has highest sales :
There are total 1 rows :
Ticket CATEGORY    #NO OF TICKETS SOLD
SILVER              58
Select any business goal using business goal number : (example : 10) : |
```

## 11) Business goal-10

```
Windows PowerShell
Select any business goal using business goal number : (example : 10) : 10
bg requested = 10
ROLL-UP : Generate report for total amount of rent received till date including all years and display rent of each store
yearly :
There are total 101 rows :
STORE NAME                                RENT
2018_Burger King                          60000
2018_Chick-fil-A                          60000
2018_Chipotle                             60000
2018_Dominos                             60000
2018_Dunkin Donuts                        30000
2018_Einstein Bros Bagels                  30000
2018_Jack in the Box                      60000
2018_KFC                                  30000
2018_Little Caesars                       30000
2018_McDonalds                           60000
2018_Panda Express                        30000
2018_Panera Bread                         60000
2018_Papa Johns                           30000
2018_Pizza Hut                           30000
2018_Raising Cane's                       60000
2018_Sonic                               60000
2018_Starbucks                           30000
2018_Subway                              30000
2018_Taco Bell                           60000
2018_Wendys                              30000
2019_Burger King                          60000
2019_Chick-fil-A                          60000
2019_Chipotle                             60000
2019_Dominos                             60000
```

## 12) Business goal-11

2018_Burger King	Permanent	60000	
2018_Chick-fil-A	Permanent	60000	
2018_Chipotle	Permanent	60000	
2018_Dominos	Permanent	60000	
2018_Jack in the Box	Permanent		60000
2018_McDonalds	Permanent	60000	
2018_Panera Bread	Permanent	60000	
2018_Raising Cane's	Permanent	60000	
2018_Sonic	Permanent	60000	
2018_Taco Bell	Permanent	60000	
2019_Burger King	Permanent	60000	
2019_Chick-fil-A	Permanent	60000	
2019_Chipotle	Permanent	60000	
2019_Dominos	Permanent	60000	
2019_Jack in the Box	Permanent		60000
2019_McDonalds	Permanent	60000	
2019_Panera Bread	Permanent	60000	
2019_Raising Cane's	Permanent	60000	
2019_Sonic	Permanent	60000	
2019_Taco Bell	Permanent	60000	
2020_Burger King	Permanent	60000	
2020_Chick-fil-A	Permanent	60000	
2020_Chipotle	Permanent	60000	
2020_Dominos	Permanent	60000	
2020_Jack in the Box	Permanent		60000

## 13) Business goal-12

AL8911	2129	2
AL8911	5729	2
AZ7777	5628	2
AZ7777	2128	2
B01922	9923	2
B01922	2123	2
BU8776	5931	2
BU8776	2131	2
CH1010	8227	2
CH1010	8772	2
CN5467	9292	2
CN5467	2019	2
CN9091	1125	2
CN9091	8225	2
C07644	5426	2
C07644	2126	2
C09921	2122	2
C09921	9022	2
CT1123	5830	2
CT1123	2130	2
FL2121	8124	2
FL2121	1124	2
FL8827	6133	2
FL8827	2133	2
GA5565	2134	2

#### 14) Business goal-13

```
Select any business goal using business goal number : (example : 10) : 13
bg requested = 13
Listing the temporary stores available for every event
There are total 250 rows :
STORE NAME          RENT
2020_Subway          83792
2020_Starbucks        83792
2020_Dunkin Donuts    83792
2020_Pizza Hut        83792
2020_KFC              83792
2020_Panda Express    93005
2020_Wendys           93005
2020_Papa Johns       93005
2020_Einstein Bros Bagels 93005
2020_Little Caesars   93005
2021_Subway          89694
2021_Starbucks        89694
2021_Dunkin Donuts    89694
2021_Pizza Hut        89694
2021_KFC              89694
2021_Panda Express    48758
2021_Wendys           48758
2021_Papa Johns       48758
2021_Einstein Bros Bagels 48758
2021_Little Caesars   48758
2022_Subway          14438
2022_Starbucks        14438
2022_Dunkin Donuts    14438
2022_Pizza Hut        14438
```

#### 15) Business goal-14 – Fetching contents from tables

```
Windows PowerShell
Select any business goal using business goal number : (example : 10) : 14
bg requested = 14
Fetch all rows from the data set
Please select the table name to fetch the data from that table:
1.Fall22_S004_5_person
2.Fall22_S004_5_event_employee
3.Fall22_S004_5_event_teams
4.Fall22_S004_5_event_stores
5.Fall22_S004_5_teams
6.Fall22_S004_5_event
7.Fall22_S004_5_stores
8.Fall22_S004_5_audience_tickets
9.Fall22_S004_5_employee_supervisor
10.Fall22_S004_5_employee
11.Fall22_S004_5_parking_audience
12.Fall22_S004_5_audience
13.Fall22_S004_5_person_phone
14.Fall22_S004_5_audience_event
Please select the table name to fetch the data from above list :3
event_id , team
83792 Austin Kangaroos Mens Basketball
83792 Lubbock Christian Chaparrals Mens Basketball
93005 Austin Spurs Mens Basketball
93005 UT Arlington Mavericks Mens Basketball
97293 Austin Spurs Womens Basketball
97293 Lady Chaps Womens Basketball
34238 Austin Toros Mens Basketball
34238 Lamar Cardinals Mens Basketball
89694 Lady Cardinals Womens Basketball
48758 Dallas Baptist Patriots Mens Basketball
```

## 16) Business goal-15 – UPDATE the audience\_tickets table

```
There are total 10 rows :
Select any business goal using business goal number : (example : 10) : 15
bg requested = 15
Update Fall22_S004_5_audience_tickets
Parameters in Fall22_S004_5_audience_tickets are :
['audience_id', 'ticket_id', 'ticket_category', 'ticket_date', 'gate_number', 'seat_number']
How many parameters you want to change :1
2.ticket_category
3.ticket_date
4.gate_number
5.seat_number
please select parameters 1 after other using above column numbers:
Please enter the column number :2
enter new value : platinum
Please select ticket id 'WHERE' above changes need to happen :, ticket_id = 992319
update details = [['2', 'platinum']]
col_index : 2
col_name : ticket_category
update_value : platinum
UPDATE QUERY : UPDATE Fall22_S004_5_audience_tickets SET ticket_category='platinum' WHERE ticket_id = '992319'
Fetching updated row from database ..
There are total 0 rows :
Select any business goal using business goal number : (example : 10) : |
```

## 17) Business goal-16 – UPDATE the employee table

```
Select any business goal using business goal number : (example : 10) : 16
bg requested = 16
Update Fall22_S004_5_employee
Parameters in Fall22_S004_5_employee are :
['person_id', 'SSN', 'date_of_joining', 'employee_category', 'salary']
How many parameters you want to change :1
3.employee_category
4.salary
please select parameters 1 after other using above column numbers:
Please enter the column number :4
enter new value : 25000
Please select person_id 'WHERE' above changes need to happen :, person_id = 364980
update details = [['4', '25000']]
col_index : 4
update_value : 25000
UPDATE QUERY : UPDATE Fall22_S004_5_employee SET salary='25000' WHERE person_id = '364980'
Fetching updated row from database ..
There are total 1 rows :
UPDATED row from database :
```

## 18) Business goal-17 – DELETE audience\_tickets table

```
Select any business goal using business goal number : (example : 10) : 17
bg requested = 17
Delete row from Fall22_S004_5_audience_tickets
please enter the 'TICKET ID' of row you want to delete : 992319
Fetching row from database ..
There are total 0 rows :
```

## 19) Business goal-18 DELETE the stores table

```
Select any business goal using business goal number : (example : 10) : 18
bg requested = 18
Delete row from Fall22_S004_5_stores
please enter the 'STORE ID' of row you want to delete : 2018_Subway
store_id = 2018_Subway
delete from Fall22_S004_5_stores where store_id ='2018_Subway'
inside try block
Row is successfully deleted from database
Select any business goal using business goal number : (example : 10) : |
```

## 20) Business goal-19 INSERT into teams table

```
Select any business goal using business goal number : (example : 10) : 19
bg requested = 19
Insert row into Fall22_S004_5_teams
Please input the team name : neomavs
Team category :
  1.Mens
  2.Womens
  3.Mixed
Please select the team_category from above options : 1
team_category selected = 1
sport :
  1.Badminton
  2.Basketball
  3.voellyball
Please input the sport : 1
Is_UTA :
  1.YES
  2.NO
Please input the Is_UTA : 1
insert_query : INSERT INTO Fall22_S004_5_teams values('neomavs','Men','Badminton','Yes')
inside try block
Row is succesfully inserted into database
Select any business goal using business goal number : (example : 10) :
```

## 21) Business goal-20 DROP

```
Q19) INSERT table : Fall22_S004_5_teams
Q20) DROP table ?
Please enter 'EXIT' to exit
Select any business goal using business goal number : (example : 10) : 20
bg requested = 20
Drop Table
Please select the table name to drop that table:
  1.Fall22_S004_5_person
  2.Fall22_S004_5_event_employee
  3.Fall22_S004_5_event_teams
  4.Fall22_S004_5_event_stores
  5.Fall22_S004_5_teams
  6.Fall22_S004_5_event
  7.Fall22_S004_5_stores
  8.Fall22_S004_5_audience_tickets
  9.Fall22_S004_5_employee_supervisor
  10.Fall22_S004_5_employee
  11.Fall22_S004_5_parking_audience
  12.Fall22_S004_5_audience
  13.Fall22_S004_5_person_phone
  14.Fall22_S004_5_audience_event
  15. DROP ALL TABLES
Please select the table name to drop that table :15
dropping command : drop table Fall22_S004_5_audience_event
Fall22_S004_5_audience_event
Fall22_S004_5_audience_event Table dropped succesfully
dropping command :
drop table Fall22_S004_5_event_employee
Fall22_S004_5_event_employee
Fall22_S004_5_event_employee Table dropped succesfully
```