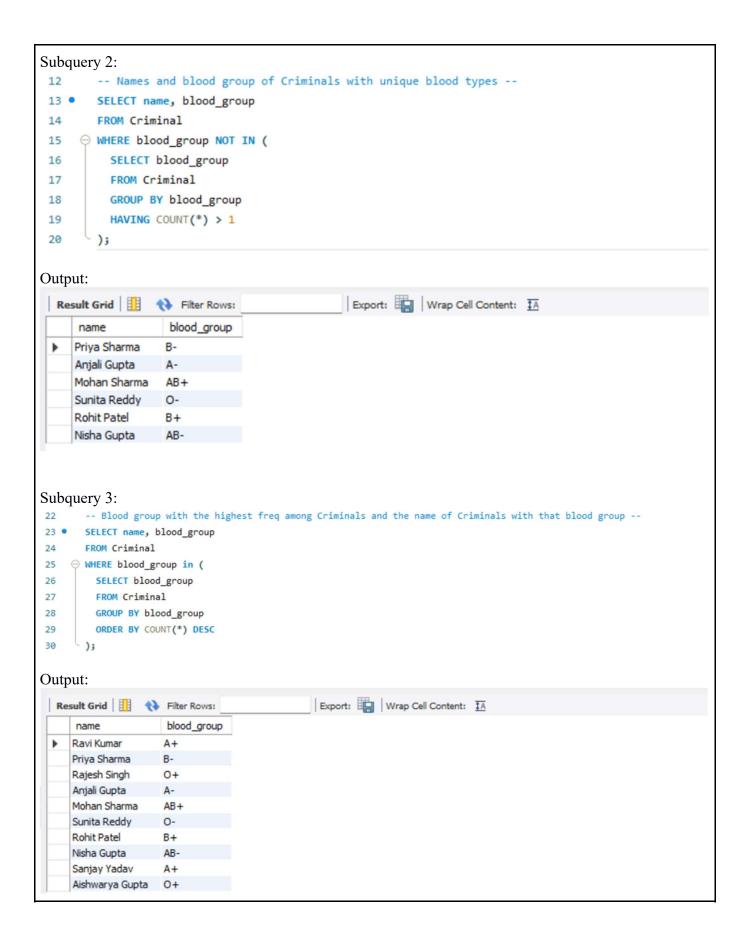
Name	Mayank Ramji Ravariya
UID no.	2022600049
Experiment No.	C7
Topic	Crime Records

AIM:	To retrieve data using Sub query (write min 8 sub queries)	
Program 1		
PROBLEM STATEMENT:	To retrieve data using Sub query (write min 8 sub queries)	
RESULT:		
Subquery 1:		
	d height of Criminals who are taller than the Avg. height of all Criminals	
4 • SELECT nam	e, height	
5 FROM Crimi	nal	
6 JOIN Physi	cal_Appearance ON criminal_id = id	
7	nt > (
8 SELECT A	VG(height)	
	sical_Appearance	
.0);		
,,,		
Output:		
	Filter Rows: Export: Wrap Cell Content: IA	
Kesuit di la		
name	height	
	height 178	
name		
name Ravi Kumar	178	



Subquery 4: -- Name of Criminals whose previous occupation income is higher than the avg. current occupation income of all Criminals --33 • SELECT name, previous_occupation_income FROM Criminal SELECT AVG(current_occupation_income) 36 FROM Criminal); 38 Output: Export: Wrap Cell Content: IA Result Grid Filter Rows: previous_occupation_income 75000 Anjali Gupta Rohit Patel 70000 Subquery 5: -- Name and income of Criminals who have the same current occupation as the highest paid Criminal in that occupation --SELECT name, current_occupation_income 42 FROM Criminal 43 WHERE current_occupation_name = (SELECT current_occupation_name 44 45 FROM Criminal 46 47 SELECT MAX(current_occupation_income) FROM Criminal 48 49); Output: Export: Wrap Cell Content: IA Result Grid Filter Rows: name current_occupation_income Rohit Patel 110000

```
Subquery 6:
       -- Names and hair color of Female Criminals who share the same hair color as the specific Criminal --
53 •
       SELECT name, hair_color
54
       FROM Criminal
       JOIN Physical_Appearance ON criminal_id = id
55

→ WHERE hair_color = (
57
         SELECT hair_color
         FROM Physical_Appearance
58
         WHERE id = 1003
59
60
61
    O AND id IN (
62
         SELECT criminal_id
63
         FROM Criminal
         WHERE gender = 'Female'
64
65
Output:
                                                      Export: Wrap Cell Content: IA
 name
                         hair_color
      Anjali Gupta
                        Black
      Aishwarya Gupta Black
Subquery 7:
       -- Name of Criminals who share the same birth month as another Criminal but were born on different days/year --
       SELECT C1.name, C1.dob
69
       FROM Criminal C1
70 O WHERE EXTRACT (MONTH FROM C1.dob) IN (
         SELECT EXTRACT(MONTH FROM C2.dob)
71
         FROM Criminal C2
73
         WHERE C1.criminal_id <> C2.criminal_id
74
Output:
                                              Export: Wrap Cell Content: IA
 Result Grid
                Filter Rows:
     name
                  dob
    Priya Sharma
                 1990-04-25
     Anjali Gupta 1995-04-17
     Nisha Gupta
                 1993-04-14
```

```
Subquery 8:
76
       -- Names of Criminals who changed their occupation for higher income --
77 •
       SELECT C1.name
       FROM Criminal C1
78
       WHERE C1.current_occupation_income > C1.previous_occupation_income

→ AND C1.current_occupation_name NOT IN (
80
         SELECT previous_occupation_name
81
         FROM Criminal C2
82
         WHERE C1.criminal_id = C2.criminal_id
83
84
      );
Output:
                                        Export: Wrap Cell Content: 1A
 name
    Ravi Kumar
    Priya Sharma
    Rajesh Singh
    Anjali Gupta
    Mohan Sharma
    Sunita Reddy
    Rohit Patel
    Nisha Gupta
    Sanjay Yadav
    Aishwarya Gupta
```