Name: Anish Vikas Rane

**Roll no. = 41** 

#### Q. 1]

#### **CREATING TABLE**

create table Books5(bookid number(10), bname varchar(20), btitle varchar2(20), author varchar2(20), price number(10), category varchar2(50));

#### **OUTPUT**:

Table created.

#### **INSERTING VALUES**

insert into Books5 values(1,'book1','hello1','person2',100,'cat1'); insert into Books5 values(2,'book2','hello2','person2',200,'cat2'); insert into Books5 values(3,'book3','hello3','person3',300,'cat3'); insert into Books5 values(4,'book4','hello4','person4',400,'cat4'); insert into Books5 values(5,'book5','hello5','person5',500,'cat5');

#### **Total Price**

select bookid, bname, count(\*), sum(price) from Books4 group by rollup(bookid,bname);

#### OUTPUT:

BOOKID	BNAME	COUNT(*)	SUM(PRICE)
2	book2	2	400
2		2	400
3	book3	1	300
3		1	300
4	book4	1	400
4		1	400
5	book5	1	500
5		1	500
		5	1600

## **3rd Highest Book**

```
select * from(
select bname, price, dense_rank()
over(order by price desc)r from Books5)
where r=3;
```

## OUTPUT:

BNAME	PRICE	R
book3	300	3

# SELECT CATEGORY WISE MIN VALUE

select category,price,min(price)keep(DENSE\_RANK LAST ORDER BY price desc) over(PARTITION BY category) "min" from Books5;

# OUTPUT:

CATEGORY	PRICE	min	
cat1	100	100	
cat2	200	200	
cat3	300	300	
cat4	400	400	
cat5	500	500	

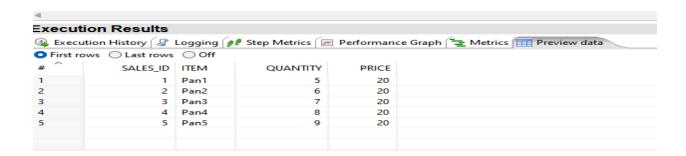
## CATEGORY WISE PRICE USING TITLE AS A PARTIAL CUBE DIMENSION

SELECT Time, Region, Department, sum(Profit) AS Profit FROM sales GROUP BY CUBE (Time, Region, Dept);

## OUTPUT:

PRICE	BTITLE	PRICE
1500		
100	hello1	
200	hello2	
300	hello3	
400	hello4	
500	hello5	
100		100
100	hello1	100
200		200
200	hello2	200
300		300
PRICE	BTITLE	PRICE
300	hello3	300
400		400
		4100
400	hello4	400
	hello4	500





# 1. Change the case



