CODE :-

```
create table empdetails(id integer primary key, name varchar2(20), job varchar2(20), salary number(10));

insert into empdetails values(20002, 'Suresh babu','Program Analyst', 50000);

insert into empdetails values(20003, 'Vasanth', 'Developer ' ,40000);

insert into empdetails values(20004, 'Balaji', 'Manager' ,50000);

insert into empdetails values(20005, 'Mahesh', 'Debugger' ,20000);

insert into empdetails values(20006, 'Karthi', 'Analyst' ,30000);

insert into empdetails values(20007, 'vasanth', 'manager ' ,40000);

insert into empdetails values(20008, 'Lingesh', 'salesman' ,15000);
```

ID	NAME	JOB	SALARY
20002	Suresh babu	Program Analyst	50000
20003	Vasanth	Developer	40000
20004	Balaji	Manager	50000
20005	Mahesh	Debugger	20000
20006	Karthi	Analyst	30000
20007	vasanth	manager	40000
20008	Lingesh	salesman	15000

7 rows returned in 0.01 seconds CSV Export

Roll-up:

```
select  name, id , job, sum(salary) as salary from empdetails  group by rollup(name, id , job);
```

NAME	ID	JOB	SALARY
Balaji	20004	Manager	50000
Balaji	20004	-	50000
Balaji	-	-	50000
Karthi	20006	Analyst	30000
Karthi	20006	-	30000
Karthi	-	-	30000
Mahesh	20005	Debugger	20000
Mahesh	20005	-	20000
Mahesh	-	-	20000
Lingesh	20008	salesman	15000
More than 10 rows available. Increase rows selector to view more rows.			

10 rows returned in 0.00 seconds CSV Export

Drill-up:

select name, job, salary from empdetails;

NAME	JOB	SALARY
Suresh babu	Program Analyst	50000
Vasanth	Developer	40000
Balaji	Manager	50000
Mahesh	Debugger	20000
Karthi	Analyst	30000
vasanth	manager	40000
Lingesh	salesman	15000

7 rows returned in 0.00 seconds CSV Export

Slice:

select *from empdetails where salary<40000;

ID	NAME	JOB	SALARY
20005	Mahesh	Debugger	20000
20006	Karthi	Analyst	30000
20008	Lingesh	salesman	15000

3 rows returned in 0.02 seconds CSV Export

Dice:

select name, job , sum(salary) as "salary" from empdetails where (salary > 10000) group by name , job order by name asc;

NAME	JOB	Salary
Balaji	Manager	50000
Karthi	Analyst	30000
Lingesh	salesman	15000
Mahesh	Debugger	20000
Suresh babu	Program Analyst	50000
Vasanth	Developer	40000
vasanth	manager	40000

7 rows returned in 0.00 seconds CSV Export

Pivot:

```
select salary, max(decode(salary,'40000',name))ANALYST,
max(decode(salary,'20000',name))CLERK,max(decode(salary,'40000',name))MANAGE
R ,max(decode(salary,'25000',name,'30000',name,'35000',name))Salesman,
max(decode(salary,'80000',name))Businessman from (select job,salary,name from
empdetails) group by salary order by salary;
```

SALARY	ANALYST	CLERK	MANAGER	SALESMAN	BUSINESSMAN
15000	-	-	-	-	-
20000	-	Mahesh	-	-	-
30000	-	-	-	Karthi	-
40000	vasanth	-	vasanth	-	-
50000	-	-	-	-	-

5 rows returned in 0.00 seconds CSV Export

Result: