3.3 Creation of SQL Queries (Question f)

--1

select Count(employeeid) as nofEmployees

from dinning

where type = 'lounge' or type = 'bar'



-- 2

SELECT AVG(Salary\_rate)

FROM employee

WHERE employee.employeeid IN

(SELECT employeeid

FROM receptionist)



--3

select \*

from individual i

where i.CUSTOMERID in (

select customerid

from (

select c.customerid, Sum(c.COP\_AMOUNT\_OF\_PAYMENT)

from check\_out\_payment\_id c

where TRUNC(c.cop\_date, 'YEAR') = TRUNC(SYSDATE, 'YEAR')

group by c.customerid

having Sum(c.COP\_AMOUNT\_OF\_PAYMENT) > 1000

))



-- 4

SELECT Check\_out\_bill\_amount

FROM Check\_out\_bill

ORDER BY Check\_in\_date ASC



--5

select i.customerid, i.BIRTHDATE, i.INDIVIDUAL\_NAME, i.INDIVIDUAL\_SEX

from (

select c.customerid

from check\_in c

where TRUNC(c.check\_in\_date, 'YEAR') = TRUNC(SYSDATE, 'YEAR')

group by c.customerid

having Sum(c.length\_of\_stay) >= 15

) v, individual i

where v.customerid = i.customerid



-- 6

select avg(k.AGE\_TODAY)

from

(

select d.customerid, TRUNC((SYSDATE - TO\_DATE(d.bd, 'YYYY-MM-DD'))/ 365.25) AS AGE\_TODAY

from(

select birthdate as bd, i.customerid

from individual i

where i.customerid in

(

select customerid

from check\_in c

where c.employeeid in

(

select r.employeeid

from receptionist r

where r.language = 'Spanish'

))

) d

) k



--7

select \*

from organization o

where o.customerid in

(

select h.customerid

from holds h

where h.customerid in

(

select b.customerid

from Bill\_event\_payment b

group by b.CUSTOMERID

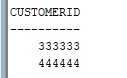
having Sum(b.amount\_of\_event\_payment) > 2000

)

group by h.customerid

having Count(Event\_id) >= 2

);



-- 8

select \*

from(

select b.bill\_event\_amount

from bill\_for\_event b

where b.event\_id in

(

select event\_id

from POPULAR\_EVENT\_MANAGER, event

)

order by b.bill\_event\_amount desc

)

where rownum = 1



--9

select \*

from event e

where e.event\_id in (

select event\_id

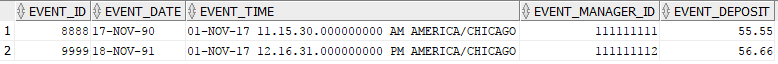
from(

select b.event\_id, b.customerid, max(bill\_event\_amount)

from bill\_for\_event b

group by b.event\_id, b.customerid

))



-- 10

select \*

from(

select c.check\_in\_date

from

(

select \*

from

(

select e.room\_number, Count(e.room\_number) as shax

from check\_in e

group by e.room\_number

order by shax desc

)

where rownum = 1

) d, check\_in c

where d.room\_number = c.room\_number

order by c.check\_in\_date desc

)

where rownum = 1

