w-- 1. Preponed Departure Date

select booking_id, flight_name, subdate(flight_date,5) as PREPONED_DEPARTURE_DATE from flight_details where flight_source != "Miami" order by booking_id desc;

-- 2. Customer Purchase Details

select cd.customer_id,cd.customer_name,cd.phone_no,pd.purchase_date
from customer_details cd
join purchase_details pd on cd.customer_id=pd.customer_id
where cd.city != 'Delhi'
order by cd.customer_id desc;

-- 3. Customer With Email

select c.cust_name,o.order_id,o.order_date
from customers c
join orders o on c.cust_id=o.cust_id
where c.email_id like "%@gmail.com"
order by o.order_id desc;

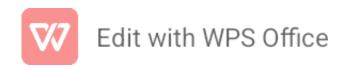
-- 4. Boat With Same Capacity

select b1.boat_id,b1.boat_name

from boat_details b1

join boat_details b2 on b1.seat_capacity=b2.seat_capacity

where b1.boat_id!=b2.boat_id



```
order by b1.boat_name;
-- Q5 Product Category Details
select distinct p.productname,p.category
from products p
join feedback f on p.product_id=f.product_id
where f.rating_value<3
order by p.productname;
-- Q6 Member and product details
select m.fullname,m.email,m.member_id,f.product_id
from members m
join feedback f on m.member_id=f.member_id
where month(m.date_of_birth) in (1,12)
order by m.fullname desc;
-- Q7 Date Of Delivery
select cust_name,email_id,coalesce(address,phone_no) as Contact_Info
from customers
where cust_id in (
       select cust_id
  from orders
  where order_date!=delivery_date
)
order by cust_name;
```



-- Q8 Movie And Theatre Details
select mm.movie_name,sm.theatre_id,mm.duration
from movie_master mm
join screening_master sm on mm.movie_id=sm.movie_id
where lower(mm.language) != 'hindi'
order by mm.movie_name desc;

-- Q9 Chicago Flights
select f1.flight_name,f1.flight_source
from flight_details f1
join flight_details f2 on f1.flight_destination=f2.flight_destination
where f1.flight_source!=f2.flight_source
order by f1.destination,f1.flight_name;

-- Q10 Member Details Based On Condition

select m.fullname
from members m
join feedback f on m.member_id=f.member_id
where m.email like "%@gmail.com" and address = 'Bangalore' and f.rating_value>4
order by m.fullname desc;

-- Q11 Specific Patient Address
select p.p_first_name,a.app_reason,a.app_time,b.bill_amount
from patient p



```
join appointment a on p.patient_id=a.patient_id
join bill b on a.app_number=b.app_number
where p.address like "%Avenue%"
order by a.app_time;
```

-- Q12 Ordered Month

select distinct c.cust_name,c.email_id,c.phone_no from customers c join orders o on c.cust_id=o.cust_id where month(o.order_date) between 2 and 8

-- Q13 Seat Count

order by c.cust_name;

select b.boat_id,b.boat_name,b.boat_type,round((b.seat_capacity*0.75),2) as SEAT_COUNT from boat_details b join ride_details r on b.boat_id=r.boat_id where year(r.dot)=2000 order by b.boat_name desc;

-- Q14 Movie Details

select mm.movie_id,mm.movie_name,sm.show_time
from movie_master mm
join screening_master sm on mm.movie_id=sm.movie_id
where lower(language)='tamil' and certification!='A'
order by sm.screening_id desc;



-- Q15 Bill Payment
select p.patient_id,p.p_first_name,p.city,p.p_age
from patient p
join appointment a on p.patient_id=a.patient_id
join bill b on a.app_number=b.app_number
left join payment pt on b.bill_number=pt.bill_number
where pt.payment_id is null
order by p.age;

-- Q16 Policy Enrolled Customers with gmail user select c.customer_id,c.customer_name,p.policy_id,p.total_amount,p.no_of_year from customer c join policyenrollment p on c.customer_id=p.customer_id where c.email_id like "%@gmail.com" order by p.enrollment_id desc;

-- Q17 Male policy Enrollments
select c.customer_id,c.customer_name,p.policy_id
from customer c
join policyenrollment p on c.customer_id=p.customer_id
where c.gender = 'M'
order by p.enrollment_id desc;

-- Q18 Most Number of Years



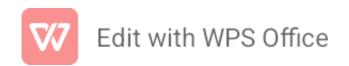
```
select policy_id,policy_name
from policy
where policy_id in (
       select policy_id
       from policyenrollment
       group by policy_id
       having sum(no_of_year) =(
              select max(m) from (
                     select sum(no_of_years) m
                     from policyenrollment
                     group by policy_id
                     ) s
              )
)
order by policy_name
-- Q19 Customer and booking details
select c.customer_name,b.total_amount
from customer_master c
join booking_details b on c.customer_id=b.customer_id
where year(b.booking_date)=2018
order by b.booking_id desc;
-- Q20 Patient from same city
```



```
select p1.p_first_name,p1.city
from patient p1
join patient p2 on p1.city=p2.city
where p1.patient_id!=p2.patient_id
order by p1.city;
-- Q21 Recent Subscriber
select customer_name
from customer
       where phone_number=(
       select phone_number
       from subscription
       where recharge_date =(
              select max(recharge_date)
              from subscription
      )
)
order by customer_name desc;
-- Q22 Customer details based on gender
select
customer_id,customer_name,date_of_birth,mariral_status,gender,gurdian_name,contact_no,ema
il_id
from customer_personal_info
```



```
where upper(gender)='M' and upper(marital_status)='MARRIED'
order by customer_id;
-- Q23 Passcode generation
select c.customer_id,a.account_no,concat(right(c.customer_id,3),right(a.account_no,4))
as PASSCODE
from customer_personal_info c
join account_info a on c.customer_id=a.customer_id
order by c.customer_id;
-- Q24 Customer Details Based on name
select customer_id,customer_name,date_of_birth,gurdian_name
from customer_personal_info
where customer_name like "J%"
order by customer_id;
-- Q25 Customer details based on name starting with 'J'
select
c.customer_id,c.customer_name,a.account_no,a.account_type,b.bank_name,b.ifsc_code,a.initial
_deposite,
case
       when upper(a.account_type)='SAVINGS' then round((a.interest*1.1),2)
  else a.interest
end NEW_INTEREST
from customer_personal_info c
join account_info a on c.customer_id=a.customer_id
```



```
join bank_info b on a.ifsc_code=b.ifsc_code order by c.customer_id;
```

Q26 Customer details based on tax
 select c.customer_id,c.customer_name,a.account_no,a.initial_deposite,
 case

when a.initial_deposite then '0%'

when a.initial_deposite<=10000 then '3%'

when a.initial_deposite>10000 and a.initial_deposite<20000 then '5%'

when a.initial_deposite>=20000 and a.initial_deposite<=30000 then '7%'

when a.initial_deposite>30000 then '10%'

end taxPercentage

from customer_personal_info c

join account_info a on c.customer_id=a.customer_id

join bank_info b on a.ifsc_code=b.ifsc_code

order by c.customer_id;

- -- Q27 Customer Account Details.

 select a.customer_id,a.account_type,a.account_number,b.bank_name
 from account_info a
 join bank_info b on a.ifsc_code=b.ifsc_code
 order by a.customer_id;
- -- 28 Customer interest details based on friend reference select cri.customer_id,cpi.customer_name,cpi.guardian_name,cri.reference_acc_name



from customer_reference_info cri
join customer_personal_info cpi on cri.customer_id=cpi.customer_id
where upper(cri.relation)='FRIEND'
order by cri.customer_id;

-- Q29 Customer interest details in specified format select customer_id,account_no,concat('\$',round(interest,0)) as INTEREST_AMT from account_info order by interest,customer_id;

-- Q30 Customer Details based on activation date.

select

cpi.customer_id,cpi.customer_name,a.account_no,a.account_type,a.activation_date,b.bank_name

from customer_personal_info cpi

join account_info a on cpi.customer_id=a.customer_id

join bank_info b on a.ifsc_code=b.ifsc_code

where a.activation_date='2022-04-10'

order by cpi.customer_id;

-- Q31 Customer details based on interest and deposite amount

select

a.acount_no,cpi.customer_id,cpi.customer_name,b.bank_name,b.branch_name,b.ifsc_code,cpi.c itizenship,

a.interest,a.initial_deposit

from customer_personal_info cpi

join account_info a on cpi.customer_id=a.customer_id



join bank_info b on a.ifsc_code=b.ifsc_code order by cpi.customer_id;

-- Q32 Customer details based on identification document

select

cpi.customer_id,cpi.customer_name,cpi.date_of_birth,cpi.guardian_name,cpi.cintact_no,cpi.mail _id,

cri.reference_acc_name

from customer_personal_info cpi

join customer_reference_info cri on cpi.customer_id=cri.customer_id

where upper(cpi.identification_doc_type)='PASSPORT'

order by cpi.customer_id;

-- Q33 Customer details who all having account in bank

select cpi.customer_id,cpi.customer_name,a.account_no,a.account_type,b.bank_name

from customer_personal_info cpi

join account_info a on cpi.customer_id=a.customer_id

join bank_info b on a.ifsc_code=b.ifsc_code

order by cpi.customer_id;

-- Q34 Customer details based on reference string

select customer_id,customer_name,gender,marital_status,

concat(customer_name,'_',gender,'_',marital_status) as UNIQUE_REF_STRING

from customer_personal_info

order by customer_id desc;



- Q35 Customer details based on deposit amount range select account_no,customer_id,registration_date,intial_deposit from account_info where intial_deposit between 15000 and 25000 order by account_no;
- -- Q36 Customer account details based on account type select from customer_personal_info cpi join account_info a on cpi.customer_id=a.customer_id join bank_info b on a.ifsc_code=b.ifsc_code

select customer_id
from account_info
group by customer_id,account_type
having Upper(account_type) = 'SAVINGS'