1) Customer account details based on account type

SELECT

c.customer\_id,

c.customer\_name,

c.guardian\_name,

c.identification\_doc\_type,

r.reference\_acc\_holder\_name,

a.account\_type,

b.ifsc\_code,

b.bank\_name,

CAST((a.initial\_deposit + a.interest) AS INT) AS CURRENT\_BALANCE

FROM

customer\_personal\_info AS c

JOIN

customer\_reference\_info AS r ON c.customer\_id = r.customer\_id

JOIN

account\_info AS a ON c.customer\_id = a.customer\_id

JOIN

bank\_info AS b ON a.ifsc\_code = b.ifsc\_code

WHERE

a.account\_type = 'SAVINGS'

ORDER BY

c.customer\_id;

2) Customer account details based on activation date

SELECT

ai.account\_no,

cpi.customer\_id,

cpi.customer\_name,

cpi.guardian\_name,

cpi.identification\_doc\_type,

cri.reference\_acc\_holder\_name,

cri.reference\_acc\_no,

ai.registration\_date,

ai.activation\_date,

DATEDIFF(ai.activation\_date, ai.registration\_date) AS NoofdaysforActivation,

bi.bank\_name,

bi.branch\_name,

ai.initial\_deposit

FROM

customer\_personal\_info cpi

JOIN

customer\_reference\_info cri ON cpi.customer\_id = cri.customer\_id

JOIN

account\_info ai ON cpi.customer\_id = ai.customer\_id

JOIN

bank\_info bi ON ai.ifsc\_code = bi.ifsc\_code

ORDER BY

ai.account\_no;

3) SELECT

ai.account\_no,

cpi.customer\_id,

cpi.customer\_name,

cpi.guardian\_name,

cpi.identification\_doc\_type,

cri.reference\_acc\_holder\_name,

cri.reference\_acc\_no,

ai.registration\_date,

ai.activation\_date,

DATEDIFF(ai.activation\_date, ai.registration\_date) AS NoofdaysforActivation,

bi.bank\_name,

bi.branch\_name,

ai.initial\_deposit

FROM

customer\_personal\_info cpi

JOIN

customer\_reference\_info cri ON cpi.customer\_id = cri.customer\_id

JOIN

account\_info ai ON cpi.customer\_id = ai.customer\_id

JOIN

bank\_info bi ON ai.ifsc\_code = bi.ifsc\_code

ORDER BY

ai.account\_no;

4) SELECT

cpi.customer\_id,

ai.account\_type,

ai.account\_no,

bi.bank\_name

FROM

customer\_personal\_info cpi

JOIN

account\_info ai ON cpi.customer\_id = ai.customer\_id

JOIN

bank\_info bi ON ai.ifsc\_code = bi.ifsc\_code

ORDER BY

cpi.customer\_id ASC;

5) Customer bank details based on interest amount

SELECT

c.customer\_id,

c.customer\_name,

a.account\_no,

a.account\_type,

a.initial\_deposit,

(a.interest/100) \* a.initial\_deposit AS interest\_amt

FROM

customer\_personal\_info c

JOIN

account\_info a ON c.customer\_id = a.customer\_id

ORDER BY

c.customer\_id ASC;

6) Customer details based on activation date

SELECT

cpi.customer\_id,

cpi.customer\_name,

ai.account\_no,

ai.account\_type,

ai.activation\_date,

bi.bank\_name

FROM

customer\_personal\_info cpi

JOIN

account\_info ai ON cpi.customer\_id = ai.customer\_id

JOIN

bank\_info bi ON ai.ifsc\_code = bi.ifsc\_code

WHERE

ai.activation\_date = '2012-04-10'

ORDER BY

cpi.customer\_id ASC;

7)

SELECT

cpi.customer\_id,

bi.bank\_name,

bi.branch\_name,

ai.ifsc\_code,

ai.registration\_date,

ai.activation\_date

FROM

customer\_personal\_info cpi

JOIN

account\_info ai ON cpi.customer\_id = ai.customer\_id

JOIN

bank\_info bi ON ai.ifsc\_code = bi.ifsc\_code

WHERE

MONTH(ai.activation\_date) = 3 AND YEAR(ai.activation\_date) = YEAR(CURRENT\_DATE)

ORDER BY

cpi.customer\_id ASC;

8) Customer details based on bank

SELECT

cpi.customer\_id,

ai.account\_type,

ai.account\_no

FROM

customer\_personal\_info cpi

JOIN

account\_info ai ON cpi.customer\_id = ai.customer\_id

JOIN

bank\_info bi ON ai.ifsc\_code = bi.ifsc\_code

WHERE

bi.bank\_name = 'HDFC'

AND ai.registration\_date BETWEEN '2012-01-12' AND '2012-04-04'

ORDER BY

cpi.customer\_id ASC;

9) Customer details based on city

SELECT

cpi.customer\_id,

cpi.customer\_name,

ai.account\_no,

bi.bank\_name,

cpi.contact\_no,

cpi.mail\_id

FROM

customer\_personal\_info cpi

JOIN

account\_info ai ON cpi.customer\_id = ai.customer\_id

JOIN

bank\_info bi ON ai.ifsc\_code = bi.ifsc\_code

WHERE

cpi.address LIKE '%BANGALORE%'

ORDER BY

cpi.customer\_id ASC;

10) Customer details based on contact details

SELECT

c.customer\_id,

c.customer\_name,

CONCAT('+91-', SUBSTRING(c.contact\_no, 1, 3), '-', SUBSTRING(c.contact\_no, 4, 3), '-', SUBSTRING(c.contact\_no, 7, 4)) AS 'CONTACT\_ISD'

FROM

customer\_personal\_info c

ORDER BY

c.customer\_id DESC;

11) Customer details based on deposit amount range

SELECT

ai.account\_no,

ai.customer\_id,

ai.registration\_date,

ai.initial\_deposit

FROM

account\_info ai

WHERE

ai.initial\_deposit BETWEEN 15000 AND 25000

ORDER BY

ai.account\_no ASC;

12) Customer details based on gender

SELECT

cpi.customer\_id,

cpi.customer\_name,

cpi.date\_of\_birth,

cpi.marital\_status,

cpi.gender,

cpi.guardian\_name,

cpi.contact\_no,

cpi.mail\_id

FROM

customer\_personal\_info cpi

WHERE

cpi.gender = 'M' AND cpi.marital\_status = 'MARRIED'

ORDER BY

cpi.customer\_id ASC;

13) Customer details based on identification document

SELECT

cpi.customer\_id,

cpi.customer\_name,

cpi.date\_of\_birth,

cpi.guardian\_name,

cpi.contact\_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

cpi.identification\_doc\_type = 'PASSPORT'

ORDER BY

cpi.customer\_id ASC;

14) Customer details based on initial deposit.

SELECT

c.customer\_id,

c.customer\_name,

c.date\_of\_birth,

c.guardian\_name,

c.contact\_no,

c.mail\_id,

r.reference\_acc\_holder\_name,

a.account\_no,

CASE

WHEN a.initial\_deposit >= 20000 THEN 'high'

WHEN a.initial\_deposit BETWEEN 16000 AND 19999 THEN 'moderate'

WHEN a.initial\_deposit = 15000 THEN 'average'

WHEN a.initial\_deposit BETWEEN 5001 AND 14999 THEN 'low'

WHEN a.initial\_deposit = 5000 THEN 'very low'

WHEN a.initial\_deposit = 0 THEN 'very low'

ELSE 'invalid'

END AS 'deposit\_status'

FROM

customer\_personal\_info c

JOIN

account\_info a ON c.customer\_id = a.customer\_id

JOIN

customer\_reference\_info r ON c.customer\_id = r.customer\_id

ORDER BY

a.interest DESC, c.customer\_id DESC;

15) Customer details based on interest and deposit amount

SELECT

c.customer\_id,

c.customer\_name,

a.account\_no,

a.account\_type,

b.bank\_name,

b.ifsc\_code,

c.initial\_deposit,

ROUND(CASE

WHEN a.account\_type = 'SAVINGS' THEN a.interest \* 1.10

ELSE a.interest

END, 2) AS 'new\_interest'

FROM

account\_info a

JOIN

customer\_personal\_info c ON a.customer\_id = c.customer\_id

JOIN

bank\_info b ON a.ifsc\_code = b.ifsc\_code

WHERE

c.customer\_name LIKE 'J%'

ORDER BY

c.customer\_id ASC;

16) 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,

c.initial\_deposit,

ROUND(CASE

WHEN a.account\_type = 'SAVINGS' THEN a.interest \* 1.10

ELSE a.interest

END, 2) AS 'new\_interest'

FROM

account\_info a

JOIN

customer\_personal\_info c ON a.customer\_id = c.customer\_id

JOIN

bank\_info b ON a.ifsc\_code = b.ifsc\_code

WHERE

c.customer\_name LIKE 'J%'

ORDER BY

c.customer\_id ASC;

17) Customer details based on name

SELECT

c.customer\_id,

c.customer\_name,

c.date\_of\_birth,

c.guardian\_name

FROM

customer\_personal\_info c

WHERE

c.customer\_name LIKE 'J%'

ORDER BY

c.customer\_id ASC;

18) Customer details based on reference name.

SELECT

cpi.customer\_id,

cpi.customer\_name,

cpi.date\_of\_birth,

cpi.guardian\_name,

cpi.contact\_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

cri.relation = 'RAGHUL'

ORDER BY

cpi.customer\_id ASC;

19) Customer details based on reference string

SELECT

cpi.customer\_id,

cpi.customer\_name,

cpi.gender,

cpi.marital\_status,

CONCAT(cpi.customer\_id, ' ', cpi.customer\_name, ' ', cpi.gender, ' ', cpi.marital\_status) AS 'UNIQUE\_REF\_STRING'

FROM

customer\_personal\_info cpi

ORDER BY

cpi.customer\_id DESC;

20) SELECT

cpi.customer\_id,

cpi.customer\_name,

cpi.gender,

cpi.marital\_status,

CONCAT(cpi.customer\_id, ' ', cpi.customer\_name, ' ', cpi.gender, ' ', cpi.marital\_status) AS 'UNIQUE\_REF\_STRING'

FROM

customer\_personal\_info cpi

ORDER BY

cpi.customer\_id DESC;

21) Customer details based on tax

SELECT

c.customer\_id,

c.customer\_name,

a.account\_no,

a.initial\_deposit,

CASE

WHEN a.initial\_deposit = 0 THEN '0%'

WHEN a.initial\_deposit <= 10000 THEN '3%'

WHEN a.initial\_deposit > 10000 AND a.initial\_deposit <= 20000 THEN '5%'

WHEN a.initial\_deposit > 20000 AND a.initial\_deposit <= 30000 THEN '7%'

WHEN a.initial\_deposit > 30000 THEN '10%'

ELSE 'invalid'

END AS 'taxPercentage'

FROM

customer\_personal\_info c

JOIN

account\_info a ON c.customer\_id = a.customer\_id

ORDER BY

c.customer\_id ASC;

22) Customer details who all having account in bank

SELECT

cpi.customer\_id,

cpi.customer\_name,

ai.account\_no,

ai.account\_type,

bi.bank\_name

FROM

customer\_personal\_info cpi

JOIN

account\_info ai ON cpi.customer\_id = ai.customer\_id

JOIN

bank\_info bi ON ai.ifsc\_code = bi.ifsc\_code

ORDER BY

cpi.customer\_id ASC;

23) Customer details who getting maximum interest rate

SELECT

c.customer\_id,

c.customer\_name,

a.account\_no,

a.account\_type,

a.interest,

b.bank\_name,

a.initial\_deposit

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

WHERE

a.interest = (SELECT MAX(interest) FROM account\_info)

ORDER BY

c.customer\_id ASC;

24) Customer interest details based on friend reference

SELECT

cpi.customer\_id,

cpi.customer\_name,

cpi.guardian\_name,

cri.reference\_acc\_name

FROM

customer\_personal\_info cpi

JOIN

customer\_reference\_info cri ON cpi.customer\_id = cri.customer\_id

WHERE

cri.relation = 'FRIEND'

ORDER BY

cpi.customer\_id ASC;

25) Customer interest details in specified format

SELECT

c.customer\_id,

a.account\_no,

CONCAT('$', ROUND(a.interest)) AS INTEREST\_AMT

FROM

account\_info a

JOIN

customer\_personal\_info c ON a.customer\_id = c.customer\_id

ORDER BY

a.interest ASC,

c.customer\_id ASC;