## SQL queries

1)Find all the bank accounts held by a taxpayer with given PAN number (any one)

SELECT \* FROM has\_Account WHERE Pan\_number =;

2) Find all the tax forms filed by a taxpayer with PAN number

SELECT \* FROM Tax\_forms WHERE Pan\_number =;

3) Find all the tax documents generated for a taxpayer with PAN number

SELECT \* FROM Tax\_documents WHERE Pan\_number =;

4) Find all the tax credits claimed by a taxpayer with PAN number 1234567890 in the tax year 2022.

SELECT \* FROM Tax\_credits WHERE Pan\_number = AND Tax\_year = 2022;

5) Find all the tax audits conducted for a taxpayer with PAN number 1234567890.

SELECT \* FROM Tax\_Audits WHERE Pan\_number = ;

6) Find all the taxpayers who have a dependent with the name

SELECT \* FROM Tax\_dependents WHERE Dependent\_name = ;

7) Find all the taxpayers who have filed tax forms with status "Pending".

SELECT \* FROM Tax\_forms WHERE form\_status = 'Pending';

8) Find all the taxpayers who have income greater than 1000000.

SELECT \* FROM Income WHERE income\_amount > 1000000;

9) Find the total income and total tax paid by a taxpayer with PAN number (any one) in the tax year 2022.

SELECT SUM(income\_amount) AS total\_income, SUM(Payment\_Amount) AS total\_tax\_paid FROM Income

JOIN Tax\_Payments ON Income.Pan\_number = Tax\_Payments.pan\_number AND Income.income\_date BETWEEN '2022-04-01' AND '2023-03-31'

WHERE Income.Pan\_number = AND Tax\_Payments.Tax\_year = 2022;

10) Retrieve the email addresses of all taxpayers.

SELECT Email\_id FROM Email\_Tax\_payer;

11) Retrieve the total income of a taxpayer with a specific PAN number.

SELECT SUM(income\_amount) as total\_income

FROM Income

WHERE Pan\_number = <pan\_number>;

12) Retrieve the name of hod and pincode of all the income tax branches

SELECT HOD, pincode FROM Income\_Tax\_Branches;

13) Retrieve the names and PAN numbers of taxpayers who have a preparer.

SELECT Pan\_number, "First name", "Last name"

FROM Tax\_payer

WHERE Pan\_number IN (SELECT Pan\_number FROM prepares);

14) Retrieve the names and PAN numbers of taxpayers who have dependents with a specific gender.

SELECT Pan\_number, "First name", "Last name"

FROM Tax\_payer

WHERE Pan\_number IN (SELECT Pan\_number FROM Tax\_dependents WHERE gender = <gender>;

15) Retrieve all the assets acquired on or after 1st January 2022.

SELECT \* FROM Assets

WHERE Acquisition\_date >= '2022-01-01';