

-- Consulta BoreBooks

SET SQLBLANKLINES ON;

```
WITH BooksPlusLanguages AS (  
  SELECT e.title, e.author  
  FROM Editions e  
  GROUP BY e.title, e.author  
  HAVING COUNT(DISTINCT e.language) >= 3  
)  
BooksWithLoans AS (  
  SELECT DISTINCT e.title, e.author  
  FROM Loans l  
  JOIN Copies c ON l.signature = c.signature  
  JOIN Editions e ON c.isbn = e.isbn  
)  
SELECT b.*  
FROM Books b  
JOIN BooksPlusLanguages mlb ON b.title = mlb.title AND b.author = mlb.author  
LEFT JOIN BooksWithLoans lb ON mlb.title = lb.title AND mlb.author = lb.author  
WHERE lb.title IS NULL;
```

-- Prueba de Consulta BoreBooks

-- Eliminar libros

-- Eliminar los préstamos asociados a las copias

```
DELETE FROM loans  
WHERE signature = 'P9995';
```

-- Eliminar las copias asociadas a las ediciones

```
DELETE FROM copies  
WHERE signature IN ('P9999', 'P9998', 'P9997', 'P9996', 'P9995');
```

-- Eliminar las ediciones asociadas a los libros

```
DELETE FROM editions  
WHERE isbn IN ('978-7', '978-8', '978-9');
```

-- Eliminar los libros de la tabla books

```
DELETE FROM books  
WHERE title IN ('El Quijote', '1984', 'Cien años de soledad')  
AND author IN ('Miguel de Cervantes', 'George Orwell', 'Gabriel García Márquez');
```

-- Insertar libros en la tabla books

```
INSERT INTO books (title, author, country, language, pub_date, alt_title, topic, content,
awards)
VALUES ('El Quijote', 'Miguel de Cervantes', 'España', 'Español', 1605, NULL, NULL, NULL,
NULL);
```

```
INSERT INTO books (title, author, country, language, pub_date, alt_title, topic, content,
awards)
VALUES ('1984', 'George Orwell', 'Reino Unido', 'Inglés', 1949, NULL, NULL, NULL,
NULL);
```

```
INSERT INTO books (title, author, country, language, pub_date, alt_title, topic, content,
awards)
VALUES ('Cien años de soledad', 'Gabriel García Márquez', 'Colombia', 'Español', 1967,
NULL, NULL, NULL, NULL);
```

-- Insertar ediciones en la tabla editions

```
INSERT INTO editions (isbn, title, author, language, alt_languages, edition, publisher,
extension, series, copyright, pub_place, dimensions, phy_features, materials, notes,
national_lib_id, url)
VALUES ('978-1', 'El Quijote', 'Miguel de Cervantes', 'Español', NULL, 'Primera edición',
'Alfaguara', NULL, NULL, '1234567890', 'España', NULL, NULL, NULL, NULL, 'NL12345',
NULL);
```

```
INSERT INTO editions (isbn, title, author, language, alt_languages, edition, publisher,
extension, series, copyright, pub_place, dimensions, phy_features, materials, notes,
national_lib_id, url)
VALUES ('978-2', 'El Quijote', 'Miguel de Cervantes', 'Inglés', 'Español', 'First Edition',
'Alfaguara', NULL, NULL, '1234567891', 'USA', NULL, NULL, NULL, NULL, 'NL12346',
NULL);
```

```
INSERT INTO editions (isbn, title, author, language, alt_languages, edition, publisher,
extension, series, copyright, pub_place, dimensions, phy_features, materials, notes,
national_lib_id, url)
VALUES ('978-3', 'El Quijote', 'Miguel de Cervantes', 'Francés', 'Español', 'Édition originale',
'Alfaguara', NULL, NULL, '1234567892', 'France', NULL, NULL, NULL, NULL, 'NL12347',
NULL);
```

```
INSERT INTO editions (isbn, title, author, language, alt_languages, edition, publisher,
extension, series, copyright, pub_place, dimensions, phy_features, materials, notes,
national_lib_id, url)
VALUES ('978-4', '1984', 'George Orwell', 'Inglés', 'Español', 'First Edition', 'Penguin', NULL,
NULL, '1234567893', 'USA', NULL, NULL, NULL, NULL, 'NL12348', NULL);
```

```
INSERT INTO editions (isbn, title, author, language, alt_languages, edition, publisher,
extension, series, copyright, pub_place, dimensions, phy_features, materials, notes,
national_lib_id, url)
```

```
VALUES ('978-5', '1984', 'George Orwell', 'Francés', 'Inglés', 'Édition originale', 'Penguin',  
NULL, NULL, '1234567894', 'France', NULL, NULL, NULL, NULL, 'NL12349', NULL);
```

```
INSERT INTO editions (isbn, title, author, language, alt_languages, edition, publisher,  
extension, series, copyright, pub_place, dimensions, phy_features, materials, notes,  
national_lib_id, url)
```

```
VALUES ('978-7', 'Cien años de soledad', 'Gabriel García Márquez', 'Español', NULL, 'Primera  
edición', 'Sudamericana', NULL, NULL, '1234567896', 'Colombia', NULL, NULL, NULL,  
NULL, 'NL12351', NULL);
```

```
INSERT INTO editions (isbn, title, author, language, alt_languages, edition, publisher,  
extension, series, copyright, pub_place, dimensions, phy_features, materials, notes,  
national_lib_id, url)
```

```
VALUES ('978-8', 'Cien años de soledad', 'Gabriel García Márquez', 'Inglés', 'Español', 'First  
Edition', 'HarperCollins', NULL, NULL, '1234567897', 'USA', NULL, NULL, NULL, NULL,  
'NL12352', NULL);
```

```
INSERT INTO editions (isbn, title, author, language, alt_languages, edition, publisher,  
extension, series, copyright, pub_place, dimensions, phy_features, materials, notes,  
national_lib_id, url)
```

```
VALUES ('978-9', 'Cien años de soledad', 'Gabriel García Márquez', 'Francés', 'Español',  
'Édition originale', 'Grasset', NULL, NULL, '1234567898', 'France', NULL, NULL, NULL,  
NULL, 'NL12353', NULL);
```

-- Insertar copias en la tabla copies

```
INSERT INTO copies (signature, isbn, condition, comments, deregistered)
```

```
VALUES ('P9995', '978-7', 'G', NULL, NULL);
```

-- Insertar un préstamo de la copia en la tabla loans

```
INSERT INTO loans (signature, user_id, stopdate, town, province, type, time, return)
```

```
VALUES ('P9995', '9994309812', TO_DATE('14-NOV-2024', 'DD-MON-YYYY'), 'Sototopos  
del Torreon', 'Burgos', 'L', 720, TO_DATE('28-NOV-2024', 'DD-MON-YYYY'));
```

-- Consulta Informe de Empleados

```
SELECT
    d.FULLNAME AS Nombre_Completo,
    FLOOR(MONTHS_BETWEEN(SYSDATE, d.BIRTHDATE) / 12) AS Edad,
    FLOOR(MONTHS_BETWEEN(SYSDATE, d.CONT_START) / 12) AS
    Antigüedad_Contrato,
    COUNT(DISTINCT EXTRACT(YEAR FROM s.TASKDATE)) AS Años_Activo,
    ROUND(COUNT(s.TOWN) / NULLIF(COUNT(DISTINCT EXTRACT(YEAR FROM
    s.TASKDATE))), 0), 2) AS Media_Paradas_Por_Año,
    ROUND(COUNT(l.SIGNATURE) / NULLIF(COUNT(DISTINCT EXTRACT(YEAR
    FROM s.TASKDATE))), 0), 2) AS Media_Préstamos_Por_Año,
    ROUND(100 * COUNT(CASE WHEN l.RETURN IS NULL THEN 1 END) /
    NULLIF(COUNT(l.SIGNATURE), 0), 2) AS Porcentaje_No_Devueltos
FROM drivers d
LEFT JOIN assign_drv ad ON d.PASSPORT = ad.PASSPORT
LEFT JOIN services s ON ad.PASSPORT = s.PASSPORT AND ad.TASKDATE =
s.TASKDATE
LEFT JOIN loans l ON s.TOWN = l.TOWN AND s.PROVINCE = l.PROVINCE AND
s.TASKDATE = l.STOPDATE
GROUP BY d.FULLNAME, d.BIRTHDATE, d.CONT_START;
```

-- Insert de un nuevo conductor

```
INSERT INTO drivers (PASSPORT, EMAIL, FULLNAME, BIRTHDATE, PHONE,
ADDRESS, CONT_START, CONT_END)
VALUES ('A12345678', 'juan.perez@example.com', 'Juan Pérez', TO_DATE('1985-07-15',
'YYYY-MM-DD'), 612345678, 'Calle Ficticia 123', TO_DATE('2020-01-01',
'YYYY-MM-DD'), NULL);
```