Part 3: Create and populate tables

Schemas post-normalization

1\_SUPPLIER

|  |  |  |
| --- | --- | --- |
| **Bank\_Account\_Number** | Company\_Name | Contact\_number |

2\_BOOKSTORE

|  |  |  |  |
| --- | --- | --- | --- |
| City | **Address** | Account | Date\_opened |

3\_BOOK

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Title | **ISBN** | FName | Middle\_INIT | LName | Price | Amount\_In\_Stock |

5\_EMPLOYEE

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| FNAME | Middle\_INIT | LName | **IRD\_Number** | Contact\_Number | Weekly\_Hours | Hourly\_Rate | BAddress |

8\_TRANSACTION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Time | **Transaction\_Number** | EIRD\_Number | Ccustomer\_ID |

4\_EMPLOYEE\_WAGE

|  |  |  |
| --- | --- | --- |
| **Weekly\_Hours** | **Hourly\_Rate** | wage |

7\_CUSTOMER

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Street\_Number | Street\_Name | Postcode | **Customer\_ID** | FName | LName | Phone\_Number |

6\_POSTCODE

|  |  |  |
| --- | --- | --- |
| **Postcode** | Suburb | City |

9\_QUALIFICATIONS

|  |  |  |  |
| --- | --- | --- | --- |
| **EIRD\_Number** | **QName** | Date\_Received | Expiry\_Date |

10\_QUALIFICATIONS\_TYPE

|  |  |  |
| --- | --- | --- |
| **EIRD\_Number** | **QName** | **QType** |

11\_SUPPLIES

|  |  |
| --- | --- |
| **SBank\_Acount\_Number** | **BISBN** |

12\_BOOK\_TRAN

|  |  |
| --- | --- |
| **BISBN** | **TTransaction\_Number** |

INSERT INTO employee VALUES

('John','B','Good', '024-613-323', '0212344505', 38, 1525,

(select address from (select \* from bookstore order by DBMS\_RANDOM.RANDOM) WHERE rownum < 2)

);

SQL> select qname, rownum from QUALIFICATIONS;

QNAME ROWNUM

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First Aid 1

BSci 2

But why:

SQL> select qname, rownum from QUALIFICATIONS where rownum = 1;

QNAME ROWNUM

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First Aid 1

SQL> select qname, rownum from QUALIFICATIONS where rownum = 2;

no rows selected