**SAMPLE DOCUMENT FROM OUR SERVER**

**QUESTION TWO**

1. INVOICE (INV\_NUM, PROD\_NUM, SALE\_DATE, PROD\_LABEL, VEND\_CODE, VEND\_NAME, QUANT\_SOLD, PROD\_PRICE)

**The primary key for the table will be a combination of INV\_NUM and PROD\_NUM (composite key)**

**Below are the functional dependencies:-**

{INV\_NUM, PRODUCT\_NUM} {SALE\_DATE, PROD\_LABEL, VEND\_CODE, VEND\_NAME, QUANT\_SOLD, PROD\_PRICE}

{INV\_NUM} {SALE\_DATE}

{PROD\_NUM} {PROD\_LABEL, VEND\_CODE, VEND\_NAME, PROD\_PRICE}

{VEND\_CODE} {VEND\_NAME}

**Below are the partial dependencies**:

{INV\_NUM} {SALE\_DATE}

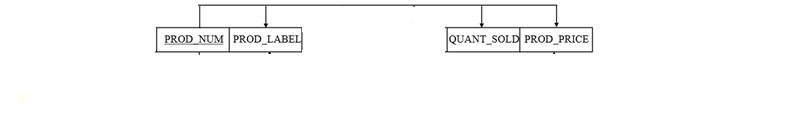
{PROD\_NUM} {PROD\_LABEL, VEND\_CODE, VEND\_NAME, PROD\_PRICE}

**Below are the transitive dependencies**

{VEND\_CODE} {VEND\_NAME}

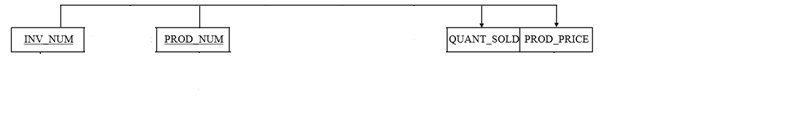


PRODUCT (PROD\_NUM, PROD\_LABEL, PROD\_PRICE)



The tables above are second normal form tables (2NF)

1. INVOICE (INV\_NUM, PROD\_NUM, QUANT\_SOLD, PROD\_PRICE)



The table above is a first normal form table (1NF)