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Question 1

```
SQL>sho user
USER is "CS204119"
SQL> column column_name format a20
SQL> set linesize 200
SQL> SELECT
ALL_CONSTRAINTS.CONSTRAINT_NAME,ALL_CONSTRAINTS.CONSTRAINT_TYPE,ALL_
CONSTRAINTS.OWNER,ALL_CONSTRAINTS.TABLE_NAME,ALL_CONS_COLUMNS.COLUMN
_NAME
  2 FROM ALL_CONSTRAINTS
  3 INNER JOIN ALL_CONS_COLUMNS
  4 ON
ALL_CONSTRAINTS.CONSTRAINT_NAME=ALL_CONS_COLUMNS.CONSTRAINT_NAME
  5 AND ALL_CONSTRAINTS.TABLE_NAME=ALL_CONS_COLUMNS.TABLE_NAME
  6 WHERE ( ALL_CONSTRAINTS.CONSTRAINT_TYPE ='P' OR
ALL_CONSTRAINTS.CONSTRAINT_TYPE ='R' )
  7 AND ALL_CONSTRAINTS.OWNER='SH'
  8 ORDER BY TABLE_NAME;
```

CONSTRAINT_NAME	C OWNER	TABLE_NAME	COLUMN_NAME
CHANNELS_PK	P SH	CHANNELS	CHANNEL_ID
COUNTRIES_PK	P SH	COUNTRIES	COUNTRY_ID
CUSTOMERS_PK	P SH	CUSTOMERS	CUST_ID
CUSTOMERS_COUNTRY_FK	R SH	CUSTOMERS	COUNTRY_ID
PRODUCTS_PK	P SH	PRODUCTS	PROD_ID
PROMO_PK	P SH	PROMOTIONS	PROMO_ID
SALES_CUSTOMER_FK	R SH	SALES	CUST_ID
SALES_PRODUCT_FK	R SH	SALES	PROD_ID
SALES_PROMO_FK	R SH	SALES	PROMO_ID
SALES_CHANNEL_FK	R SH	SALES	CHANNEL_ID
SALES_TIME_FK	R SH	SALES	TIME_ID

CONSTRAINT_NAME	C OWNER	TABLE_NAME	COLUMN_NAME
SUPP_DEMO_PK	P SH	SUPPLEMENTARY_DEMOGRAPHICS	CUST_ID
TIMES_PK	P SH	TIMES	TIME_ID

13 rows selected.

```
SQL> spool off;
```