

## LAB EXERCISE

### PART 1 : READING INFORMATION FROM A SCRIPT

- 1- 10 tables
- 2- 6 columns
- 3- CONSTRAINT item\_pk PRIMARY KEY (itm\_number)
- 4- ctr\_number
- 5- Lowest value = -99 , Highest value = 99
- 6- Lowest value = -99999.99 , Highest value = 99999.99
- 7-
  - ① itm\_number
  - ② start\_date
  - ③ start\_time

### PART 2 : UPDATING CONSTRAINTS

#### Modifying a column

- 1- DESCRIBE orders;
- 2- ALTER TABLE orders  
MODIFY odv\_date DATE DEFAULT SYSDATE;
- 3- DESCRIBE orders;

#### Adding a check constraint

- 1- DESCRIBE customers;
- 2- ALTER TABLE customers  
ADD CONSTRAINT chk\_balance\_non\_negative CHECK (current\_balance >= 0);
- 3- DESCRIBE customers;

### Adding a column

1- DESCRIBE customers;

2- ALTER TABLE customers

ADD opt\_phone\_number VARCHAR2(11);

3- DESCRIBE customers;

### Dropping a column

1- DESCRIBE customers;

2- ALTER TABLE customers;

DROP COLUMN phone\_number;

3- DESCRIBE customers;