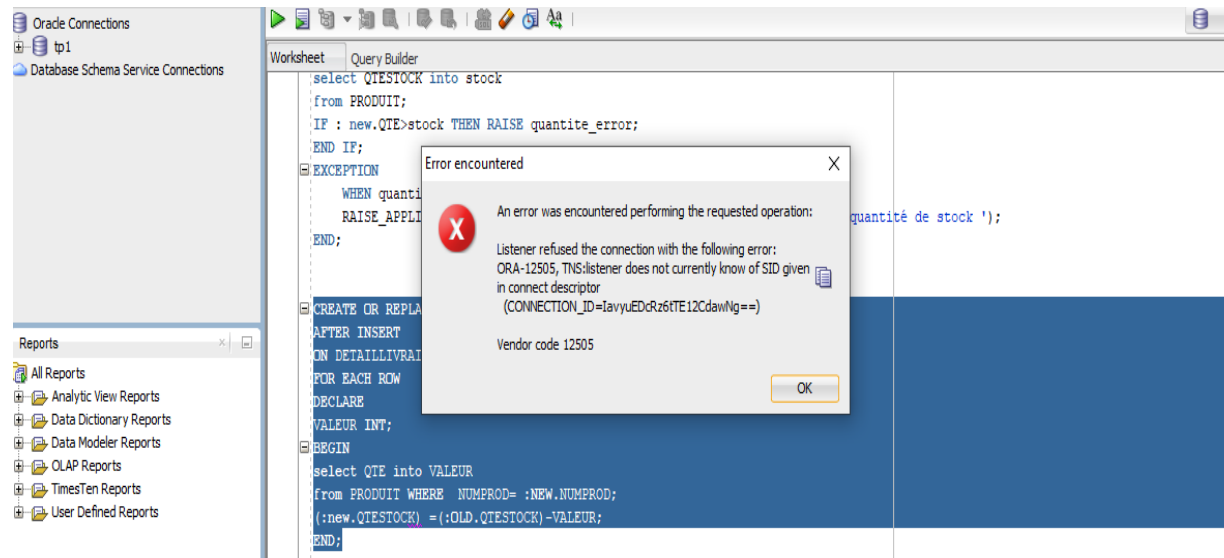


BASES DE DONNEES AVANCEES TP1

NOM ET PRENOM : MARYAME EL KHALFI

NOM ET PRENOM : SAFAE EL BAROUDI

Je n'ai pas pu me connecter à SQL Developer pour faire la capture d'écran de l'output.



TIGGERS :

1-CREATE OR REPLACE TRIGGER CATALOGUE_bef_ins_upd

BEFORE INSERT OR UPDATE

ON CATALOGUE

FOR EACH ROW

DECLARE

dates_error EXCEPTION;

BEGIN

IF : new.DATEDEB>new.DATEFIN THEN RAISE dates_error;

END IF;

EXCEPTION

```
WHEN dates_error THEN
```

```
RAISE_APPLICATION_ERROR(-20001,'date de début et supérieure a date de fin');
```

```
END;
```

```
2-CREATE OR REPLACE TRIGGER CATALOGUE_bef_ins_up_liv
```

```
BEFORE INSERT OR UPDATE
```

```
ON DETAILLIVRAISON
```

```
FOR EACH ROW
```

```
DECLARE
```

```
quantite_error EXCEPTION;
```

```
stock INT ;
```

```
BEGIN
```

```
select QTESTOCK into stock
```

```
from PRODUIT;
```

```
IF :new.QTE>stock THEN RAISE quantite_error;
```

```
END IF;
```

```
EXCEPTION
```

```
WHEN quantite_error THEN
```

```
RAISE_APPLICATION_ERROR(-20002,'la quantité livré est supérieure à la quantité de stock');
```

```
END;
```

```
3- CREATE OR REPLACE TRIGGER detail_bef_ins_up_liv
```

```
AFTER INSERT
```

```
ON DETAILLIVRAISON
```

```
FOR EACH ROW
```

```
DECLARE
```

```
VALEUR INT;
```

```
BEGIN
```

```
select QTE into VALEUR
```

```
from PRODUIT WHERE NUMPROD= :NEW.NUMPROD;
```

```
(:new.QTESTOCK) =(:OLD.QTESTOCK)-VALEUR;
```

END;

4- CREATE TRIGGER multiply_price

BEFORE INSERT ON PROPOSER

FOR EACH ROW

BEGIN

 SET NEW.price = NEW.price * 2;

END;