

Exception Types

There are two types of exceptions:

Implicitly raised exceptions

Explicitly raised exceptions

Implicitly raised exceptions

Predefined Oracle Server
Non-predefined Oracle Server

Some of Predefined Oracle Server

NO_DATA_FOUND
TOO_MANY_ROWS
DUP_VAL_ON_INDEX
ZERO_DIVIDE
INVALID_NUMBER

```
DECLARE

item_code NUMBER;

BEGIN

SELECT code INTO item_code From try

WHERE code=5;

EXCEPTION

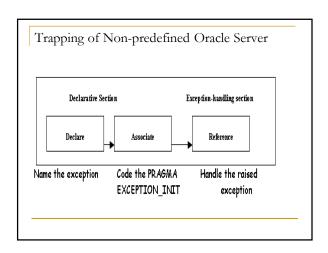
WHEN TOO_MANY_ROWS THEN

DBMS_OUTPUT.PUT_LINE(TOO MANY ROWS);

WHEN NO_DATA_FOUND THEN

DBMS_OUTPUT.PUT_LINE(NO DATA FOUND);

END;
```



Syntax

Declare

Exception_name EXCEPTION;

PRAGMA EXCEPTION_INIT (exception_name, error_number);

To show use of User Defined System Exceptions

Trapping of Explicitly raised or User defined exceptions

Declarative Section

Declare

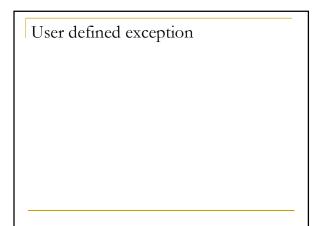
Raise

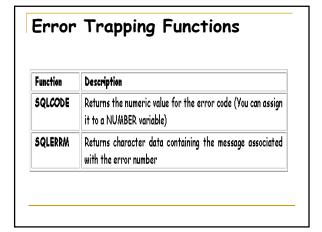
Reference

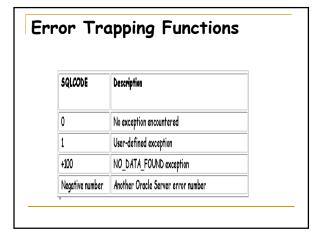
Reference

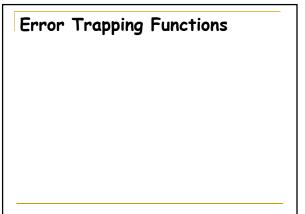
Handle the raised exception by using the RAISE statement

Declare
Exception_name EXCEPTION;
Begin
...
If condition Then
RAISE exception_name;
End if;
...
Exception
When exception_name then
...
End;









Thanks

Lets Implement it in Lab Session