

PL/SQL Syntax

Don't forget to write SET AUTOCOMMIT ON and SET SERVEROUTPUT ON

1) To create SUBTYPE

```
DECLARE
    SUBTYPE NAMEOFSUBTYPE IS DATATYPE;
    NEWSUBTYPE NAMEOFSUBTYPE;
BEGIN
END;
```

2) CREATE PROCEDURE

```
CREATE [OR REPLACE] PROCEDURE NAMEOFPROCEDURE (ARG1 [{IN | OUT | INOUT}]
datatype, ARG2 [{IN | OUT | INOUT}] datatype...) IS
    -- Declaration part
BEGIN
    Procedure body (execution part);
END NAMEOFPROCEDURE;
```

3) CREATE FUNCTION

```
CREATE [OR REPLACE] FUNCTION NAMEOFFUNC (ARG1 [{IN | OUT | INOUT}] datatype,
ARG2 [{IN | OUT | INOUT}] datatype...) RETURN return-type IS
    --Declaration part
BEGIN
    Function body execution part;
    RETURN expression;
END NAMEOFFUNC;
```

4) CREATE TRIGGER

```
CREATE OR REPLACE TRIGGER NAMEOFTRIGGER
{BEFORE | AFTER | INSTEAD OF} ON <TABLENAME>
[FOR EACH ROW]
[REFERENCING CLAUSE]
[WHEN TRIGGER CONDITION]
BEGIN
    Trigger body;
END NAMEOFTRIGGER;
```

5) To check procedure / function code

```
SELECT TEXT, LINE  
FROM ALL_SOURCE  
WHERE NAME=<NAMEOFSUBPROGRAM>;
```

6) To delete procedure / function / trigger

```
DROP PROCEDURE NAMEOFPROCEDURE;
```

```
DROP FUNCTION NAMEOFFUNCTION;
```

```
DROP TRIGGER NAMEOFTRIG;
```