**Observation 37-Using Native Dynamic SQL to Recompile**

**PL/SQL Code**

CREATE OR REPLACE PROCEDURE compile\_plsql(

p\_name VARCHAR2,

p\_type VARCHAR2,

p\_options VARCHAR2 DEFAULT NULL

) IS

v\_stmt VARCHAR2(4000);

BEGIN

v\_stmt := 'ALTER ' || p\_type || ' ' || p\_name || ' COMPILE';

IF p\_options IS NOT NULL THEN

v\_stmt := v\_stmt || ' ' || p\_options;

END IF;

EXECUTE IMMEDIATE v\_stmt;

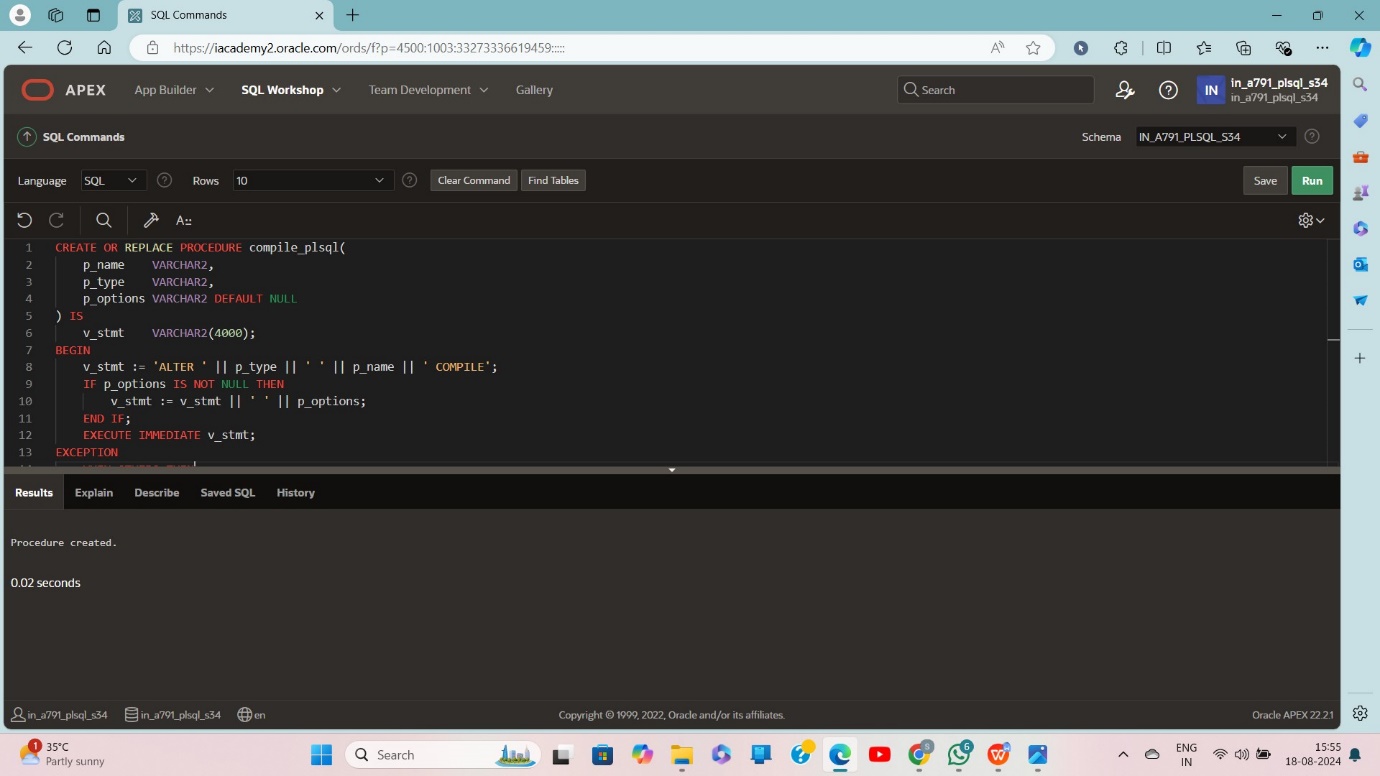
EXCEPTION

WHEN OTHERS THEN

RAISE\_APPLICATION\_ERROR(-20001, 'Error compiling PL/SQL object: ' || SQLERRM);

END;

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BEGIN

compile\_plsql('format\_phone', 'PROCEDURE');

compile\_plsql('curs\_pkg', 'PACKAGE', 'DEBUG');

END;

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