DBA 110 Lab 11 – Creating a Database, Tables, and Sequences Joellyn A Johnson, jajohnson23

1) CREATE DATABASE new\_HR;

2) a. USE new\_HR;

b. USE new\_HR;

ALTER TABLE employee

ALTER COLUMN ssn INTEGER NOT NULL;

ALTER TABLE employee

ADD PRIMARY KEY (ssn);

c. USE new\_HR;

ALTER TABLE department

ADD PRIMARY KEY (dnumber);

d. USE new\_HR;

ALTER TABLE dependent ADD CONSTRAINT

PK\_tblTable PRIMARY KEY CLUSTERED

( essn, dependent\_name )

ON [PRIMARY];

e. USE new\_HR;

ALTER TABLE employee WITH CHECK

ADD FOREIGN KEY (dno) REFERENCES department(dnumber);

f. USE new\_HR;

ALTER TABLE dependent WITH CHECK

ADD FOREIGN KEY (essn) REFERENCES employee(ssn);

g. USE new\_HR;

ALTER TABLE dependent

ADD nonsense VARCHAR(15);

h. USE new\_HR;

ALTER TABLE dependent

DROP COLUMN nonsense;

1. USE new\_HR;

ALTER TABLE department

ALTER COLUMN dname VARCHAR (20);

3) USE new\_HR;

CREATE SEQUENCE deptseq

START WITH 10

INCREMENT BY 20;

4) USE new\_HR;

DROP SEQUENCE deptseq;