-- Forget Me Not

-- CMSC 495 6380

-- SQL Scripts

-- Group 8

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-- Base Database Table to track dates

CREATE TABLE FORGETNOT (

date\_ID int NOT NULL AUTO\_INCREMENT,

name VARCHAR2(30) NOT NULL,

occasion VARCHAR2(30) NOT NULL,

event\_date DATE NOT NULL,

reminder\_date DATE NOT NULL,

item1 VARCHAR2(20),

item2 VARCHAR2(20),

item3 VARCHAR2(20),

item4 VARCHAR2(20),

CONSTRAINT forgetnot\_pk PRIMARY KEY (date\_ID)

);

-- Query to insert new data in, single quoted items are to be replaced by variables from JAVA end

INSERT INTO FORGETNOT (name, occasion, event\_date, reminder\_date, item1, item2, item3, item4)

VALUES (‘name’, ‘occasion’,

TO\_DATE(‘event\_date’, ‘MM/DD/YYYY’), TO\_DATE(‘reminder\_date’,’MM/DD/YYYY’),

‘item1’, ‘item2’, ‘item3’, ‘item4’);

-- Statement to search for occasions, occasion can be replaced with other fields to search

SELECT reminder\_date FROM FORGETNOT f WHERE f.occasion=x.occasion;

-- Statement to retrieve

SELECT \* FROM FORGETNOT WHERE DATEDIFF(day, reminder\_date,

GETDATE()) = 0;