

```
CREATE TABLE Stud (  
    roll_number NUMBER(4),  
    att NUMBER(4),  
    status VARCHAR2(1)  
);
```

```
CREATE TABLE d_stud (  
    roll_number NUMBER(4),  
    att NUMBER(4)  
);
```

```
INSERT INTO Stud (roll_number, att, status) VALUES (1001, 80, NULL);  
INSERT INTO Stud (roll_number, att, status) VALUES (1002, 70, NULL);  
INSERT INTO Stud (roll_number, att, status) VALUES (1003, 65, NULL);  
INSERT INTO Stud (roll_number, att, status) VALUES (1004, 90, NULL);  
INSERT INTO Stud (roll_number, att, status) VALUES (1005, 60, NULL);
```

```
select * from Stud;
```

```
DECLARE  
  
    -- Cursor declaration to fetch students with attendance < 75%  
    CURSOR crsr_att IS  
        SELECT roll_number, att, status FROM Stud WHERE att < 75;  
  
    -- Variables to hold fetched data  
    mroll Stud.roll_number%TYPE;  
    matt Stud.att%TYPE;  
    mstatus Stud.status%TYPE;  
BEGIN  
  
    -- Open the cursor to start fetching rows  
    OPEN crsr_att;  
  
    -- Check if the cursor is open (optional in most cases)  
    IF crsr_att%ISOPEN THEN  
        LOOP  
            -- Fetch each row into variables  
            FETCH crsr_att INTO mroll, matt, mstatus;
```

```
-- Exit the loop if there are no more rows

EXIT WHEN crsr_att%NOTFOUND;


-- Update status to 'D' for detained

UPDATE Stud SET status = 'D' WHERE roll_number = mroll;


-- Insert detained student details into d_stud table

INSERT INTO d_stud VALUES (mroll, matt);

END LOOP;

END IF;


-- Commit the changes after the loop

COMMIT;

END;


select * from Stud;
```