CONTROL STRUCTURES

```
DECLARE
    marks NUMBER := 75;
    grade CHAR(1);
    salary NUMBER := 45000;
    day VARCHAR2(3) := 'WED';
BEGIN
    IF marks > 60 THEN
        DBMS_OUTPUT.PUT_LINE('Marks above 60');
    END IF;

    IF marks >= 50 THEN
        DBMS_OUTPUT.PUT_LINE('Result: Pass');
    ELSE
        DBMS_OUTPUT.PUT_LINE('Result: Fail');
    END IF;

    IF marks >= 90 THEN
        grade := 'A';
    ELSIF marks >= 75 THEN
        grade := 'B';
    ELSIF marks >= 60 THEN
        grade := 'C';
    ELSE
        grade := 'D';
    END IF;
    DBMS_OUTPUT.PUT_LINE('Grade: ' || grade);

    CASE day
        WHEN 'MON' THEN DBMS_OUTPUT.PUT_LINE('Monday');
        WHEN 'TUE' THEN DBMS_OUTPUT.PUT_LINE('Tuesday');
        WHEN 'WED' THEN DBMS_OUTPUT.PUT_LINE('Wednesday');
        ELSE DBMS_OUTPUT.PUT_LINE('Other Day');
    END CASE;

    CASE
        WHEN salary > 50000 THEN DBMS_OUTPUT.PUT_LINE('Senior Employee');
        WHEN salary BETWEEN 30000 AND 50000 THEN
DBMS_OUTPUT.PUT_LINE('Mid-Level Employee');
        ELSE DBMS_OUTPUT.PUT_LINE('Junior Employee');
    END CASE;
END;
```

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```
1  DECLARE
2      marks NUMBER := 75;
3      grade CHAR(1);
4      salary NUMBER := 45000;
5      day VARCHAR2(3) := 'WED';
6  BEGIN
7      IF marks > 60 THEN
8          DBMS_OUTPUT.PUT_LINE('Marks above 60');
9      END IF;
10
11      IF marks >= 50 THEN
12          DBMS_OUTPUT.PUT_LINE('Result: Pass');
13      ELSE
14          DBMS_OUTPUT.PUT_LINE('Result: Fail');
15      END IF;
16
17      IF marks >= 90 THEN
18          grade := 'A';
19      ELSIF marks >= 75 THEN
20          grade := 'B';
21      ELSIF marks >= 60 THEN
22          grade := 'C';
23      ELSE
24          grade := 'D';
25      END IF;
26      DBMS_OUTPUT.PUT_LINE('Grade: ' || grade);
27
28      CASE day
29          WHEN 'MON' THEN DBMS_OUTPUT.PUT_LINE('Monday');
30          WHEN 'TUE' THEN DBMS_OUTPUT.PUT_LINE('Tuesday');
31          WHEN 'WED' THEN DBMS_OUTPUT.PUT_LINE('Wednesday');
32          ELSE DBMS_OUTPUT.PUT_LINE('Other Day');
33      END CASE;
34
35      CASE
36          WHEN salary > 50000 THEN DBMS_OUTPUT.PUT_LINE('Senior Employee');
37          WHEN salary BETWEEN 30000 AND 50000 THEN DBMS_OUTPUT.PUT_LINE('Mid-Level Employee');
```

STDIN

Input for the program (Optional)

Output:

```
Marks above 60
Result: Pass
Grade: B
Wednesday
Mid-Level Employee
```