EXP 13

EXCEPTIONAL HANDLING

AIM: Create a procedure with exception handling when finding the grades of the student.

```
set serveroutput on;
create or replace procedure findGrade(n IN number, grade OUT varchar) as
begin
declare
no_score exception;
begin
if n > 90 then
grade:='A';
elsif n > 80 then
grade:='B';
elsif n > 70 then
grade:='C';
elsif n > 60 then
grade:='D';
elsif n > 50 then
```

```
grade:='E';
elsif n <= 50 and n >=0 then
grade:='F';
else
raise no_score;
end if;
exception
when no_score then
dbms_output.put_line('Invalid score!');
end;
end;
/
declare
n number;
grade varchar(1);
begin
n:=-1;
findGrade(n, grade);
if grade is not null then
dbms_output.put_line('Grade: '||grade);
end if;
end;
```

```
SQL> declare
  2   n number;
  3   grade varchar(1);
  4   begin
  5   n:=-1;
  6   findGrade(n, grade);
  7   if grade is not null then
  8   dbms_output.put_line('Grade: '||grade);
  9   end if;
 10   end;
 11   /
Invalid score!

PL/SQL procedure successfully completed.
```

RESULT: Exceptional Handling was successfully implemented and executed

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