```
SQL> SET ECHO ON;
SQL> SET FEEDBACK ON;
SQL> SET LINESIZE 300;
SQL> SET PAGESIZE 300;
SQL> SET SERVEROUTPUT ON;
SQL>
SQL> CREATE OR REPLACE PROCEDURE PROJECTGROUPS(projectid IN WorksOn.P#%TYPE)
  2  IS
  3     PID Project.P#%TYPE;
  4     PNAME Project.PTitle%TYPE;
  5     ENAME Employee.Name%TYPE;
  6     CURSOR query IS
  7         SELECT Employee.NAME FROM Employee
  8         LEFT OUTER JOIN WorksOn ON Employee.E# = WorksOn.E#
  9         WHERE WorksOn.P# = projectid
 10         ORDER BY Employee.Name ASC
 11         FETCH FIRST 20 ROWS ONLY;
 12  BEGIN
 13     SELECT P#, PTitle INTO PID, PNAME FROM Project WHERE Project.P# =
projectid;
 14     DBMS_OUTPUT.PUT_LINE(PID || '  ' || PNAME);
 15     OPEN query;
 16        LOOP
 17           FETCH query into ENAME;
 18              IF query%NOTFOUND THEN EXIT;
 19              END IF;
 20              DBMS_OUTPUT.PUT_LINE(ENAME);
 21        END LOOP;
 22     CLOSE query;
 23  END PROJECTGROUPS;
 24  /

Procedure created.

SQL> EXECUTE PROJECTGROUPS(1001);
1001  Computation



Alvin



Peter



PL/SQL procedure successfully completed.
```

```
SQL> EXECUTE PROJECTGROUPS(1002);
1002   Study methods


Bob


Robert



PL/SQL procedure successfully completed.

SQL> EXECUTE PROJECTGROUPS(1003);
1003   Racing car


Robert



PL/SQL procedure successfully completed.

SQL> EXECUTE PROJECTGROUPS(1004);
1004   Football


Douglass


Eadger


Robert



PL/SQL procedure successfully completed.

SQL> EXECUTE PROJECTGROUPS(1005);
1005   Swimming
```

Robert

PL/SQL procedure successfully completed.

SQL> EXECUTE PROJECTGROUPS(1006);
1006 Training

Aban

PL/SQL procedure successfully completed.

SQL>
SQL> SPOOL OFF;