

```

1  /* Question 2.2 */
2
3  /* Declarations of package display_tables */
4  create or replace package display_tables as
5      /* All Procedures takes display_tables_curs as OUT parameter */
6      /* and in java this has been used to retrieve the results in table*/
7      procedure show_students(display_tables_curs out sys_refcursor);
8
9      procedure show_TAs(display_tables_curs out sys_refcursor);
10
11     procedure show_courses(display_tables_curs out sys_refcursor);
12
13     procedure show_classes(display_tables_curs out sys_refcursor);
14
15     procedure show_enrollments(display_tables_curs out sys_refcursor);
16
17     procedure show_prerequisites(display_tables_curs out sys_refcursor);
18
19     procedure show_logs(display_tables_curs out sys_refcursor);
20 end;
21 /
22 show errors
23
24 create or replace package body display_tables as
25 /* Body for the package display_tables */
26
27     /* Students table */
28     procedure show_students(display_tables_curs out sys_refcursor) as
29         begin
30             open display_tables_curs for
31             select * from students;
32             end show_students;
33
34     /* TAs table */
35     procedure show_TAs(display_tables_curs out sys_refcursor) as
36         begin
37             open display_tables_curs for
38             select * from TAs;
39             end show_TAs;
40
41     /*Classes table */
42     procedure show_classes(display_tables_curs out sys_refcursor) as
43         begin
44             open display_tables_curs for
45             select * from classes;
46             end show_classes;
47
48     /* Courses table */
49     procedure show_courses(display_tables_curs out sys_refcursor) as
50         begin
51             open display_tables_curs for
52             select * from courses;
53             end show_courses;
54
55
56     /*Enrollments table */
57     procedure show_enrollments(display_tables_curs out sys_refcursor) as
58         begin
59             open display_tables_curs for
60             select * from enrollments;
61             end show_enrollments;
62
63
64     /*Pre-requisites table */
65     procedure show_prerequisites(display_tables_curs out sys_refcursor) as
66         begin
67             open display_tables_curs for
68             select * from prerequisites;
69             end show_prerequisites;

```

```
70
71      /*Logs table */
72      procedure show_logs(display_tables_curs out sys_refcursor) as
73      begin
74      open display_tables_curs for
75      select * from logs;
76      end show_logs;
77
78  end display_tables;
79  /
80  show errors
```