Preparing the database:

Create a pluggable database (PDB).

Connect to sys user of this PDB, create a new user and grant DBA privilege to this user.

Connect to this new user and run the file: Week2/StudentSchema/createStudent.sql.

Do the following questions:

1. Write a pl/sql block to assign value to a variable and print out the value.
2. Write a pl/sql block to check number is Odd or Even.
3. Write a pl/sql block to check a number is greater or lower than 0.
4. Write a pl/sql block to declare a record variable, assign value to this variable and print out the value.
5. Write a pl/sql block to declare a rowtype variable of a course. Assign and print out the values of the course 310.
6. Write a pl/sql block to declare a record variable with three fields: firstname, lastname, street of student. Assign and print out the values of the student 143.
7. Write a pl/sql block to declare a record variable of instructor with two fields: name, phone. Assign information of instructor 108 into this variable and print out the values.
8. Using database Student Management, write a PL/SQL block to check how many students are enrolled in course number 25, section 1. If 15 or more students are enrolled, section 1 of course number 25 is full. Otherwise, section1 of course number 25 is not full. In both cases, a message should be displayed to the user, indicating whether section 1 is full.