

KUDRANT ACADEMY

SQL Essentials

Introduction To SQL

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Objectives

- Learn about the different types of SQL statements.
- Learn the tools you can use to write simple SQL statements.
- Learn how to connect to a database.



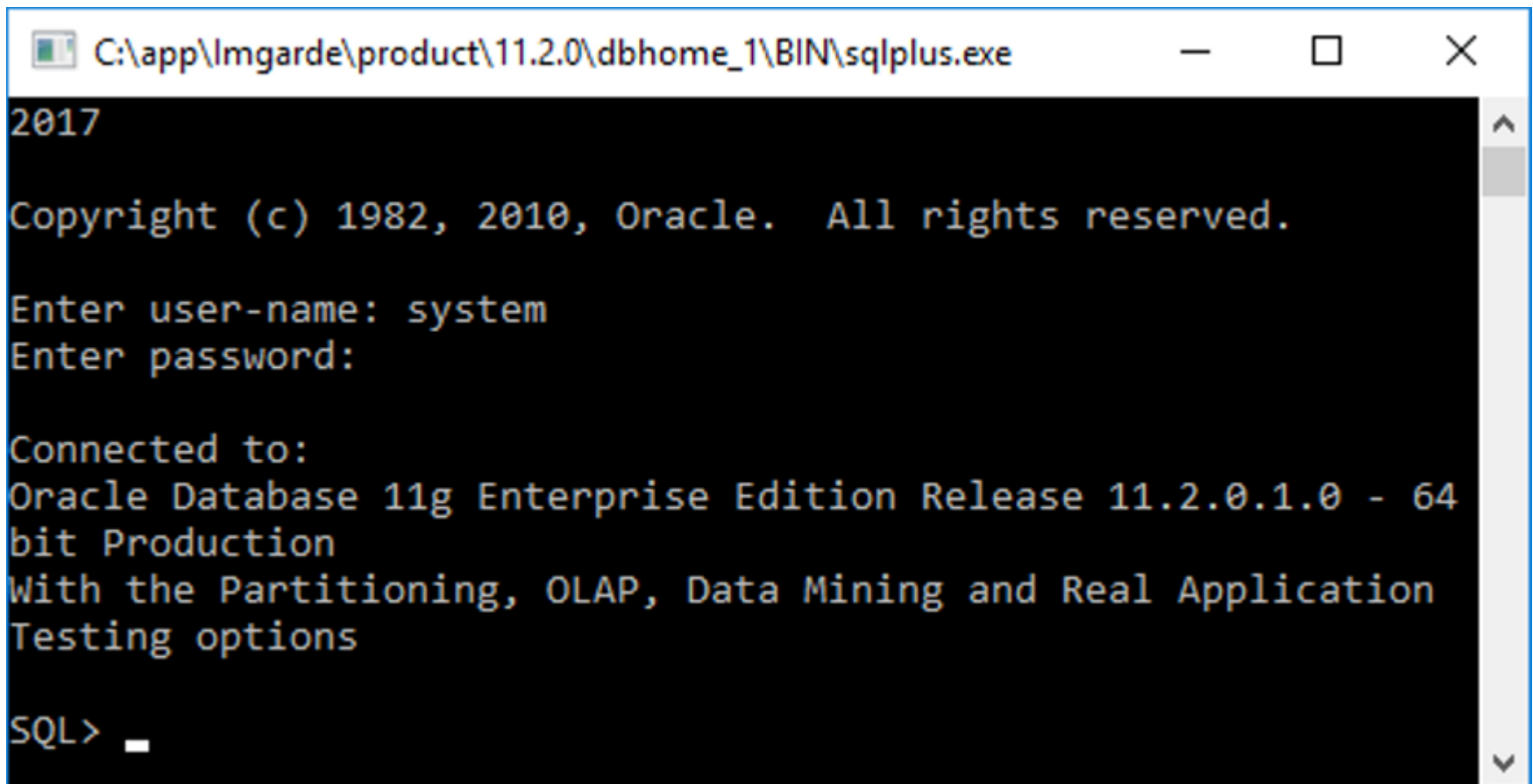
What is SQL?

- SQL (pronounced “ess-que-el”) stands for Structured Query Language is a language used to communicate with a database.
- According to ANSI (American National Standards Institute), it is the standard language for relational database management systems.
- Some common relational database management systems that use SQL are: Oracle, Sybase, Microsoft SQL Server, Access, Ingres, etc.
- There are 16 SQL commands separated into groups which you will learn in this course.
- These SQL commands can be used to execute queries against a database, retrieve data from a database, insert data in a database, update data in a database or delete data from a database.

Development Tools For SQL

The two tools you are going to be using in this course are SQL*Plus and SQL Developer.

SQL*Plus – This is a command-line interface.



```
C:\app\lmgarde\product\11.2.0\dbhome_1\BIN\sqlplus.exe
2017
Copyright (c) 1982, 2010, Oracle. All rights reserved.

Enter user-name: system
Enter password:

Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64
bit Production
With the Partitioning, OLAP, Data Mining and Real Application
Testing options

SQL> _
```

Development Tools For SQL

SQL Developer – This is a GUI tool used to run SQL statements.

