

## Installing Oracle Database Express Edition (11g R.2) Guide

---

*Remark:* The last release from Oracle Database is Oracle 12c Release.1 but this installation guide uses this version **Oracle Database Express Edition (11g Release.2)** for Microsoft Windows.

**NOTE:** you can download Advanced version named **Database Enterprise Edition**, but Oracle Database Express Edition (Oracle Database XE) is an entry-level edition of Oracle Database that is quick to download, simple to install and manage. Oracle Database XE can be installed on any size machine with any number of CPUs, stores up to 4GB of user data, using up to 1GB of memory, and using only one CPU on the host machine.

### **Oracle Database Express Edition (11g Release 2) Windows System Requirements:**

**Architecture:** Intel (x86), AMD64, and Intel EM64T (32 bit or 64 bit)

**Windows OS:** **One of the following 32-bit Microsoft Windows OS:**

- Microsoft Windows Server 2008 - Standard, Enterprise, Datacenter, Web, and Foundation Editions. The Server Core option is not supported.
- Microsoft Windows Server 2003 - all editions
- Microsoft Windows 7 - Professional, Enterprise, and Ultimate Editions
- Windows 8 - Pro and Enterprise Editions

**One of the following 64-bit Microsoft Windows x64 OS:**

- Windows Server 2008 x64 - Standard, Enterprise, Datacenter, Web, and Foundation Editions
- Windows Server 2008 R2 x64 - Standard, Enterprise, Datacenter, Web, and Foundation Editions.
- Windows Server 2012 x64 - Standard, Datacenter, Essentials, and Foundation Editions
- Windows Server 2012 R2 x64 - Standard, Datacenter, Essentials, and Foundation Editions
- Windows 7 x64 - Professional, Enterprise, and Ultimate Editions.
- Windows 8 - Pro and Enterprise Editions
- Windows 8.1 - Pro and Enterprise Editions

**Network protocol:**

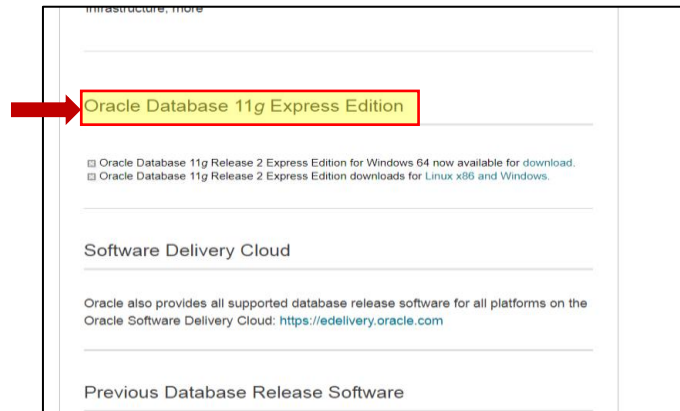
- IPC
- SDP
- TCP/IP
- TCP/IP with SSL
- Named Pipes

**Disk space:** 1.5 GB minimum

**RAM:** 256 MB minimum, 512 MB recommended for Oracle Database XE. The operating system itself may have a higher minimum requirement.

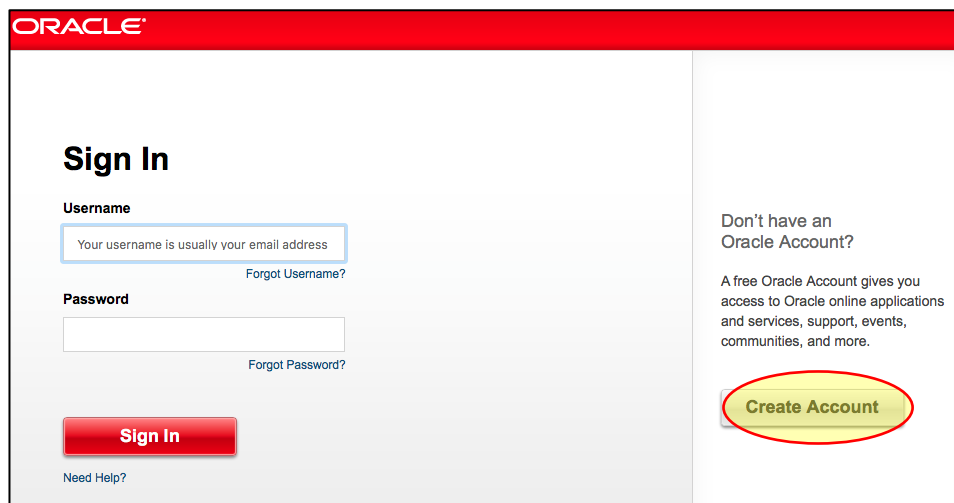
## How to get Oracle Database Express Edition:

You can download **Oracle 11g Express Edition** from oracle website [www.oracle.com](http://www.oracle.com).



The following short Guide shows how to install and configure **Oracle Database Express Edition** on Windows:

- First, you have to create an Oracle Technology Network (OTN) account and login before you can download the software from the website. They will send you email to verify your account.



- Then, sign in and go to Oracle Homepage>>Downloads >> Oracle Database
- You have to accept the **Oracle Technology Network (OTN) license agreement** to download the software by clicking on accept license agreement option at the top on the page.
- Then, Find **Oracle Database Express Edition** for Microsoft Windows. Click **download**

**(11.2.0.1.0)**

Microsoft Windows (32-bit)	File 1, File 2 (2GB) See All
Microsoft Windows (x64)	File 1, File 2 (2GB) See All
Linux x86	File 1, File 2 (2GB) See All
Linux x86-64	File 1, File 2 (2GB) See All
Solaris (SPARC) (64-bit)	File 1, File 2 (2GB) See All
Solaris (x86-64)	File 1, File 2 (2GB) See All
HP-UX Itanium	File 1, File 2 (2GB) See All
HP-UX PA-RISC (64-bit)	File 1, File 2 (2GB) See All
AIX (PPC64)	File 1, File 2 (2GB) See All

- Make sure to download and unzip both files to the same directory.  
- See All, page contains **unzip instructions** plus Database Client, Gateways, Grid Infrastructure, more

---

## Oracle Database 11g Express Edition

---

☐ Oracle Database 11g Release 2 Express Edition for Windows 64 now available for **download.**  
☐ Oracle Database 11g Release 2 Express Edition downloads for Linux x86 and Windows

- Accept the OTN license agreement by clicking on accept license agreement option at the top on the page and select the compatible version (you have to check what Windows OS version you have). Click on the appropriate version to download

Welcome ABEER

Account Sign Out Help Country Communities I am a... I want to... Search

Products Solutions Downloads Store Support Training Partners

Oracle Technology Network > Database > Database Technology Index > Database Express Edition > Downloads

Database 12c  
Database In-Memory  
Multitenant  
Options  
Application Development  
Big Data Appliance  
Cloud Database Services  
Private Database Cloud  
Data Warehousing & Big Data  
Database Appliance  
Exadata Database Machine  
High Availability  
Manageability  
Migrations  
Security  
Unstructured Data  
Upgrades  
Windows  
Database Technology Index

Overview Downloads Documentation Community Learn More

### Oracle Database Express Edition 11g Release 2

June 4, 2014

You must accept the OTN License Agreement for Oracle Database Express Edition 11g Release 2 to download this software.

**Accept License Agreement** Decline License Agreement

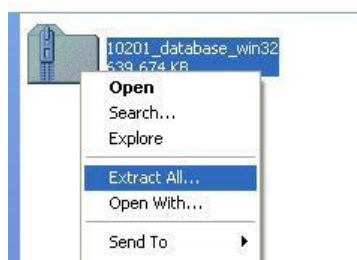
- Oracle Database Express Edition 11g Release 2 for Windows x64
  - Unzip the download and run the DISK1/setup.exe
- Oracle Database Express Edition 11g Release 2 for Windows x32
  - Unzip the download and run the DISK1/setup.exe
- Oracle Database Express Edition 11g Release 2 for Linux x64
  - Unzip the download and the RPM file can be installed as normal

You may also be interested in the following downloads:

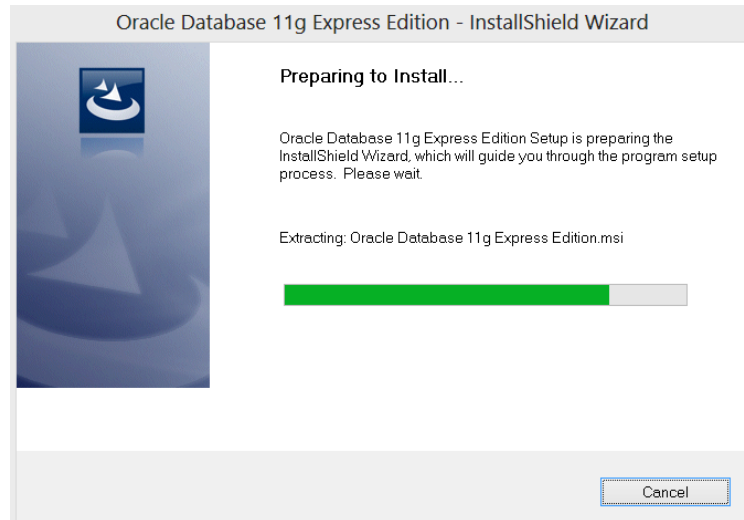
- Oracle SQL Developer
- Oracle SQL Developer Data Modeler
- Oracle Application Express
- JDeveloper for Java Developers
- Oracle Developer Tools for Visual Studio .NET
- Zend Server

**After you have download oracle, follow the following steps to install oracle on your computer:**

- 1- Extract the compressed file you have downloaded into the drive which you want to install oracle on.



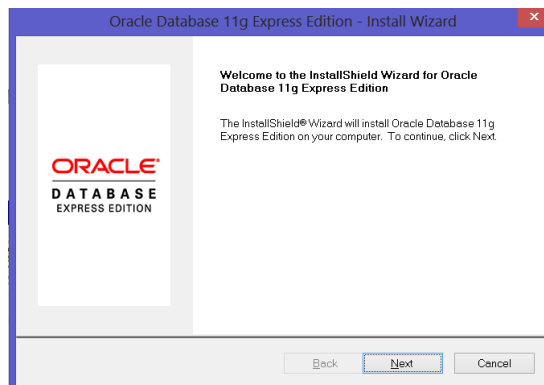
2- After Extracting the folder database, click on the (setup.exe). The Install Shield Wizard will start



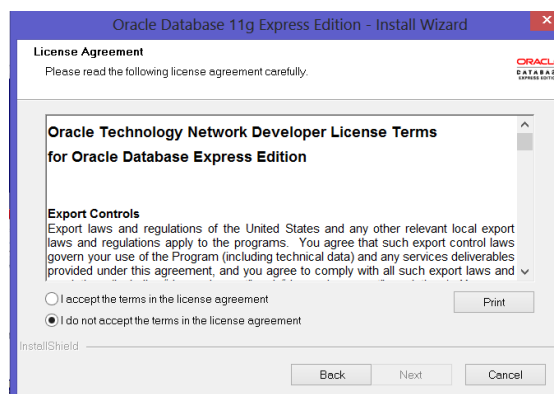
**NOTE:** Here the installer verifies that the environment meets the minimum requirements. And you could need to verify some requirements yourself.

**The Oracle Database 11g Release 2 Installer will run with steps as following:**

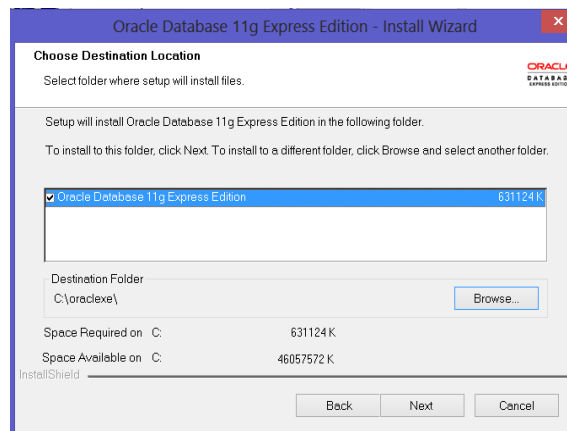
1. In the Oracle Database 11g Express Edition - Install Wizard welcome window, click **Next**.



2. In the License Agreement window, select **I accept the terms in the license agreement** and then click **Next**.



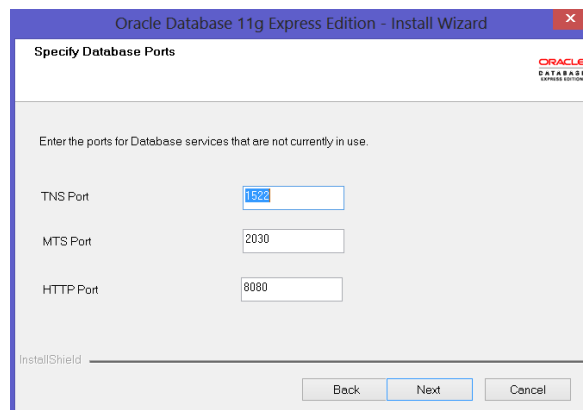
3. In the Choose Destination Location window, either accept the default or click **Browse** to select a different installation directory. (Do not select a directory that has spaces in its name) Then click **Next**.



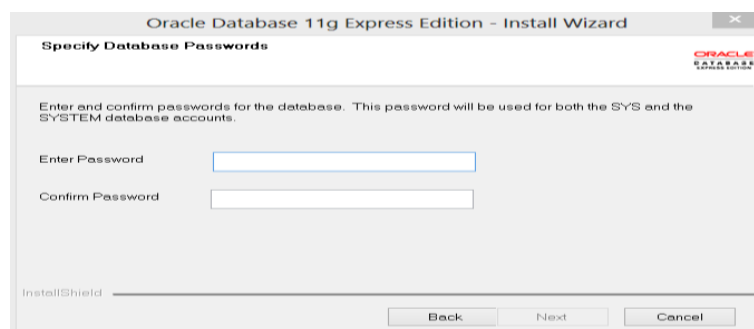
You are prompted for a port number, then specify one. The following port numbers are the **default values**:

- **1521**: Oracle database listener
- **2030**: Oracle Services for Microsoft Transaction Server
- **8080**: HTTP port for the Oracle Database XE graphical user interface

If these port numbers are not currently used, then the installation uses them automatically without prompting you. If they are in use, then you will be prompted to enter an available port number.

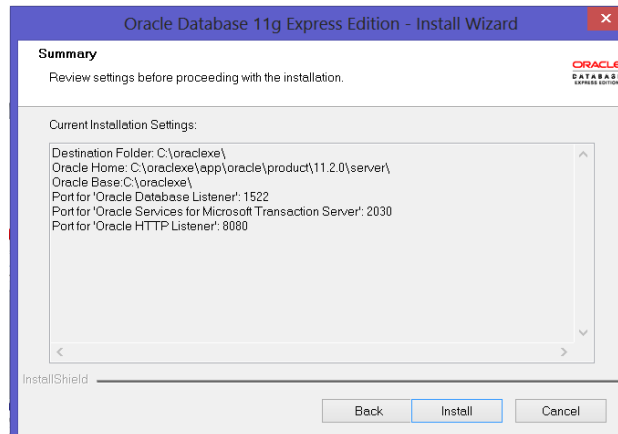


4. In the Specify Database Passwords window, enter and confirm the password to use for the **SYS** and **SYSTEM** database accounts. Then click **Next**.

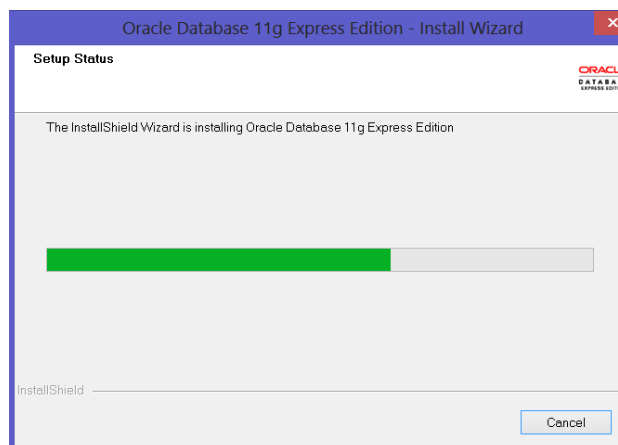


NOTE: The password for the **INTERNAL** and **ADMIN** Oracle Application Express user accounts will be the same as the **SYS** and **SYSTEM** administrative user accounts. Don't lose it; You will need it when you create the database

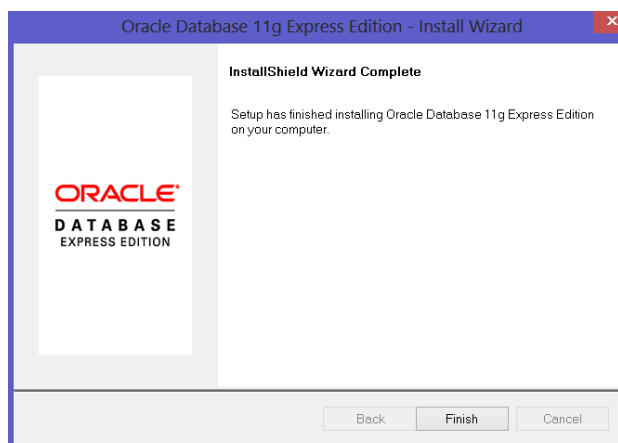
5. In the Summary window, review the installation settings, and if you are satisfied, click **Install**. Otherwise, click **Back** and modify the settings as necessary.



6. **Installation start** and Installation progress will appear.



7. In the InstallShield Wizard Complete window, click **Finish**.

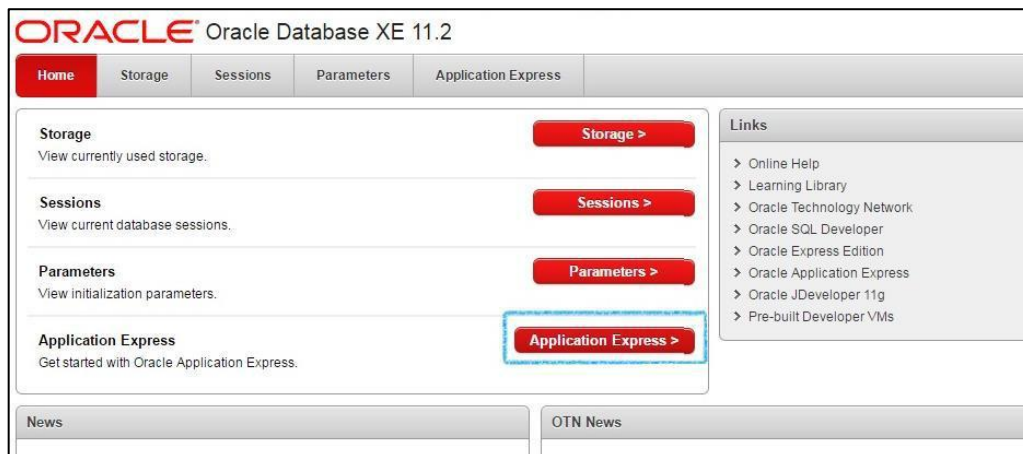


## Getting Started with Oracle Database 11g Express Edition

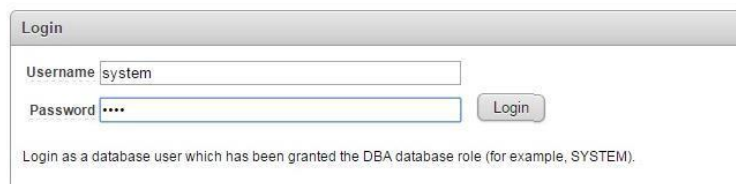
- 1) Start by clicking on the desktop shortcut after installing the application



- 2) The application GUI will run on your default a web page browser; no internet connection is required. Click **Application Express**



- 3) For the first time, enter the username "**system**", and the password you entered during the installation of the program (step#4 above).



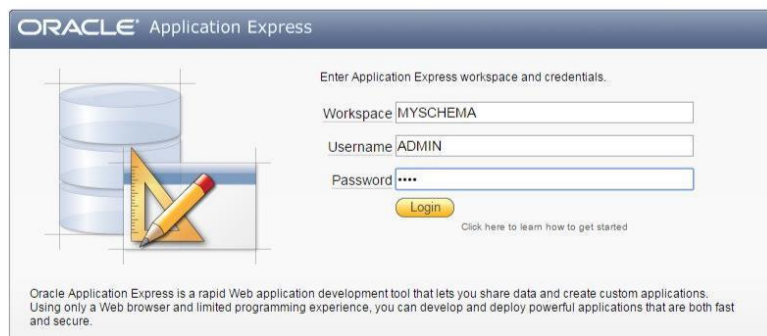
- 4) Now you're about to create a Workspace, which is the Schema for your work. Enter schema name, user name, and the schema password (Don't lose them; you will need them at step 6). Click **Create Workspace**.



5) Now you have successfully created your schema, press **Click here** to login.



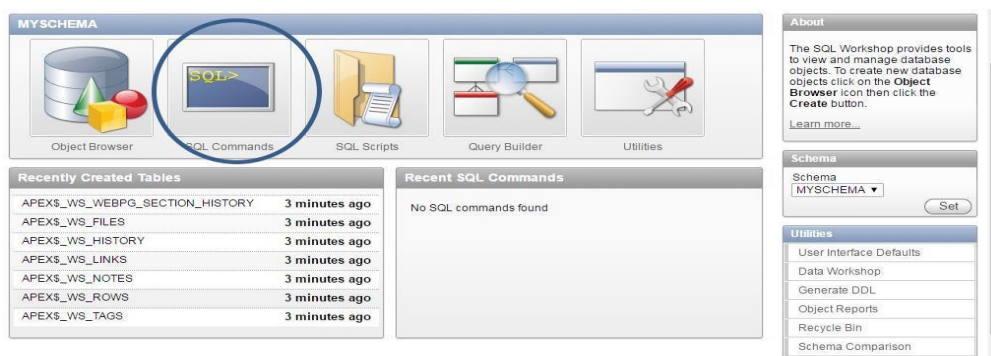
6) Enter the information from step 4.



7) Now you are logged into your new schema, to proceed click **SQL Workshop**.



8) Click **SQL Commands**.





9) Suppose you have the following relations schemas:

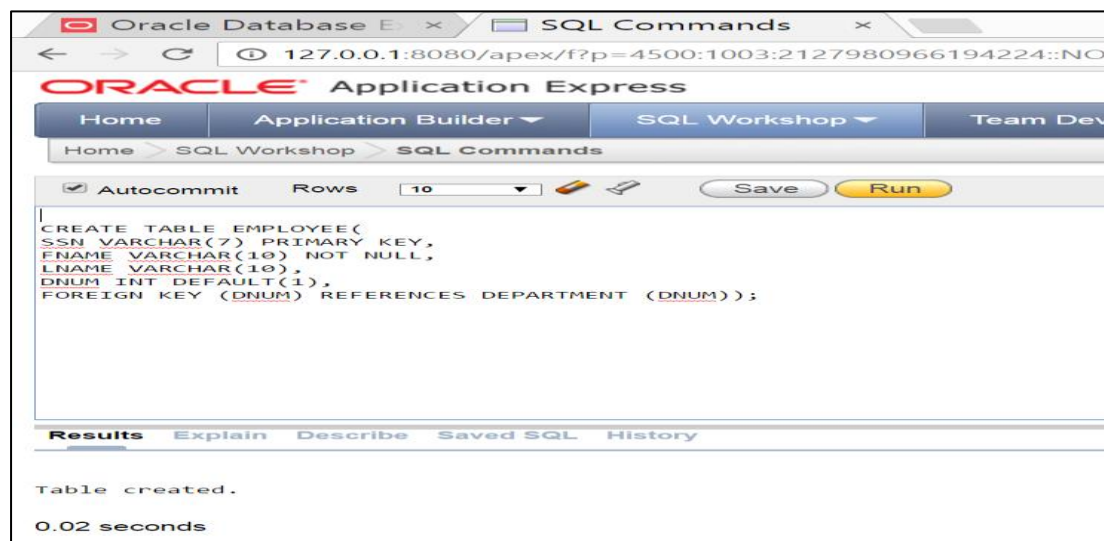
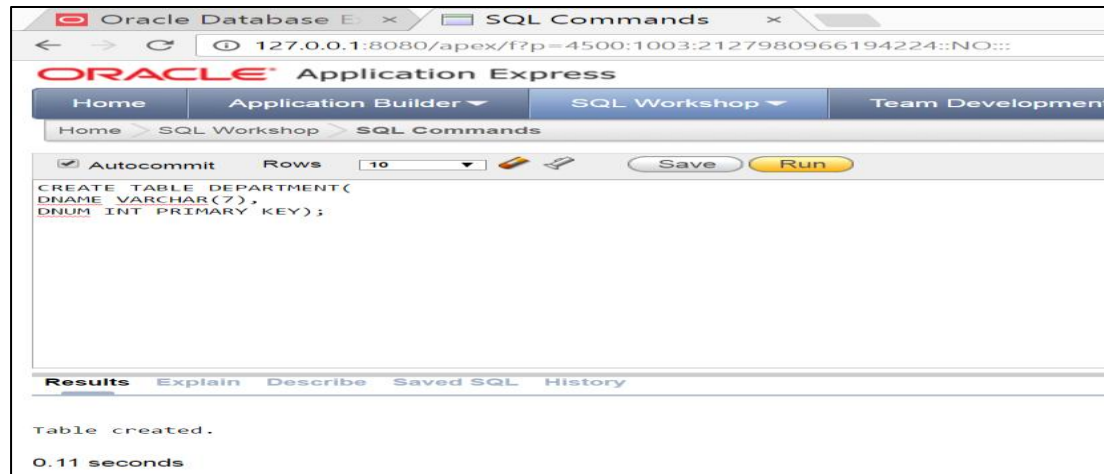
EMPLOYEE

<u>SSN</u>	Fname	Lname	Dnum
------------	-------	-------	------

DEPARTMENT

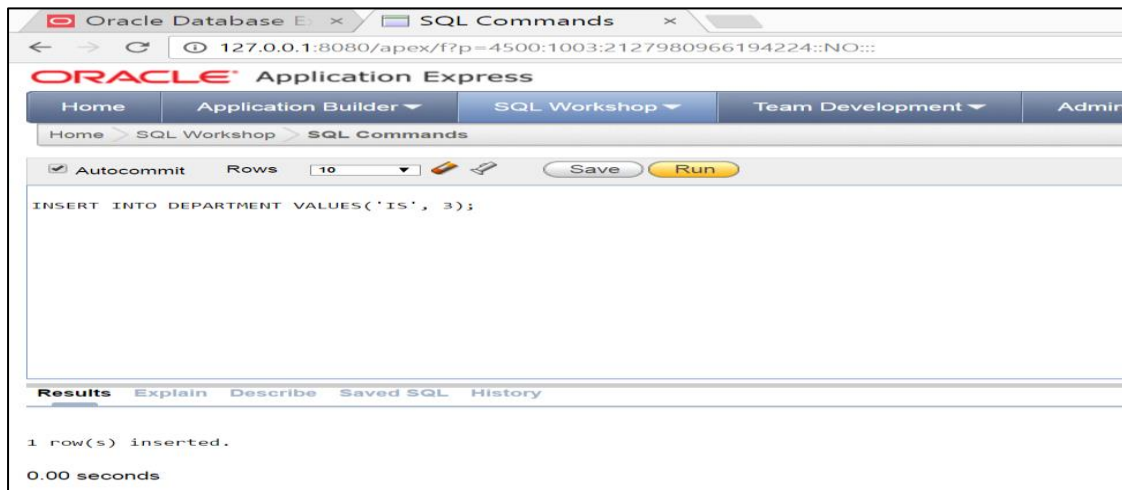
<u>Dnum</u>	Dname
-------------	-------

Now you are ready to write your queries, lets create two tables DEPARTMENT and EMPLOYEE according to the above relations schemas by using CREATE Command. Then, Click **Run**



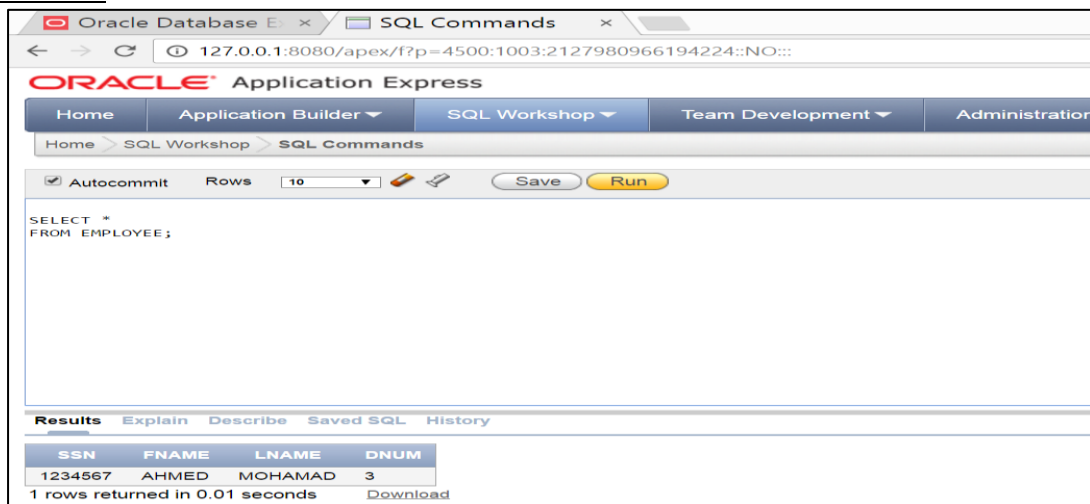
10) Insert some values using INSERT Command. Click **Run**.





11) You can retrieve values using SELECT-FROM-WHERE Block. Then, Click **Run**.

### EMPLOYEE



### DEPARTMENT

