

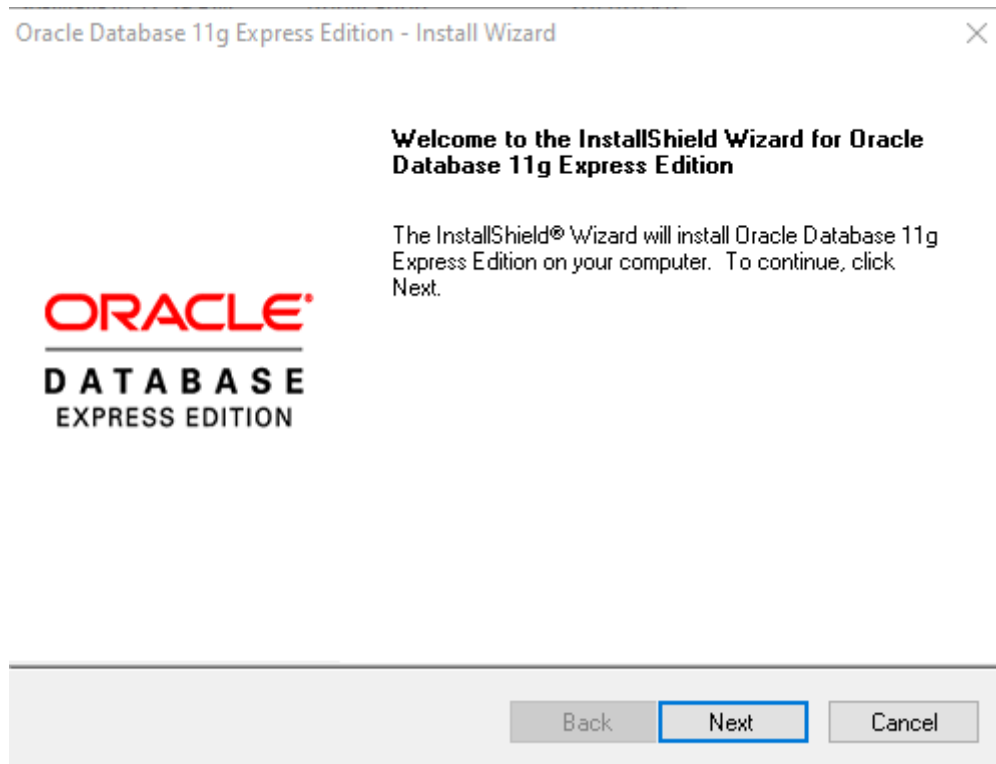
НАПРАВЛЕНИЕ ПОДГОТОВКИ **09.03.01 Информатика и вычислительная техника**

по лабораторной работе № 1

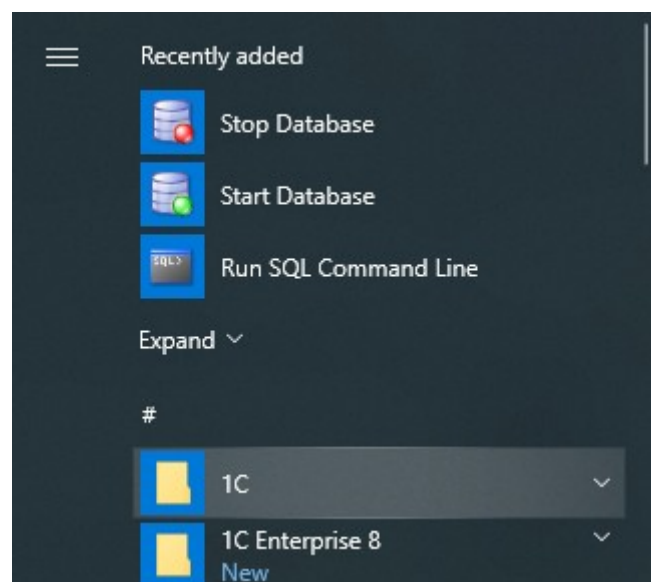
Дисциплина: Базы Данных

Преподаватель _____

1) Установка



2) Запуск



3) Начала работы с Oracle Database

ORACLE® Oracle Database XE 11.2

Welcome: SYS Logout

[Home](#) [Storage](#) [Sessions](#) [Parameters](#) [Application Express](#)

Successfully created workspace HR. To begin, [click here](#) to login.

Storage
View currently used storage.

Storage >

Sessions
View current database sessions.

Sessions >

Parameters
View initialization parameters.

Parameters >

Application Express
Get started with Oracle Application Express.

Application Express >

Links

- > Online Help
- > Learning Library
- > Oracle Technology Network
- > Oracle SQL Developer
- > Oracle Express Edition
- > Oracle Application Express
- > Oracle JDeveloper 11g
- > Pre-built Developer VMs

News

OTN News

Language: [English](#), [Português \(Brasil\)](#), [中文 \(简体\)](#), [日本語](#) Oracle

@screenshoter

Login

Username

Password

Login

Login as a database user which has been granted the DBA database role (for example, SYSTEM).

ORACLE® Oracle Database XE 11.2

Welcome: SYSTEM Logout

[Home](#) [Storage](#) [Sessions](#) [Parameters](#) [Application Express](#)

[Home](#) > [Oracle Application Express](#)

Create Application Express Workspace

Cancel Create Workspace

Database User

☒ Create New

☐ Use Existing

* Database Username

* Application Express Username

* Password

* Confirm Password

Getting Started

Already have an account? Login Here

To get started with Oracle Application Express, create a workspace. You will need to specify:

- Database Username - Name of the database user to be created
- Application Express Username - Your login name for the Application Express Workspace
- Password - Password of both your database user and Application Express user

Once created, you will be able to [login to your Application Express workspace](#) using these credentials

Oracle

4) Работа в SQL Developer

The screenshot shows the Oracle SQL Developer interface with the 'COUNTRIES' table selected in the 'Table HR.COUNTRIES@SYSTEM' window. The 'Connections' pane on the left shows the 'SYSTEM' connection. The 'Reports' pane on the bottom left lists various report types. The main window displays the 'COUNTRIES' table structure and its relationships with 'LOCATIONS' and 'REGIONS' tables.

HR.LOCATIONS Table Structure:

Column	Data Type
LOCATION_ID	NUMBER (4)
STREET_ADDRESS	VARCHAR2 (40 BYTE)
POSTAL_CODE	VARCHAR2 (12 BYTE)
CITY	VARCHAR2 (30 BYTE)
STATE_PROVINCE	VARCHAR2 (25 BYTE)
COUNTRY_ID	CHAR (2 BYTE)

HR.COUNTRIES Table Structure:

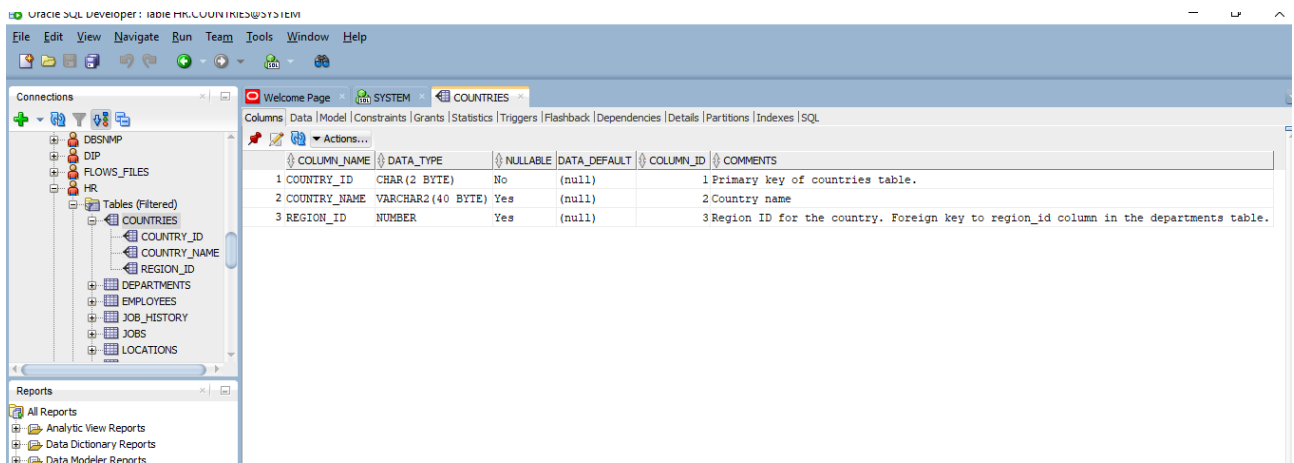
Column	Data Type
COUNTRY_ID	CHAR (2 BYTE)
COUNTRY_NAME	VARCHAR2 (40 BYTE)
REGION_ID	NUMBER

HR.REGIONS Table Structure:

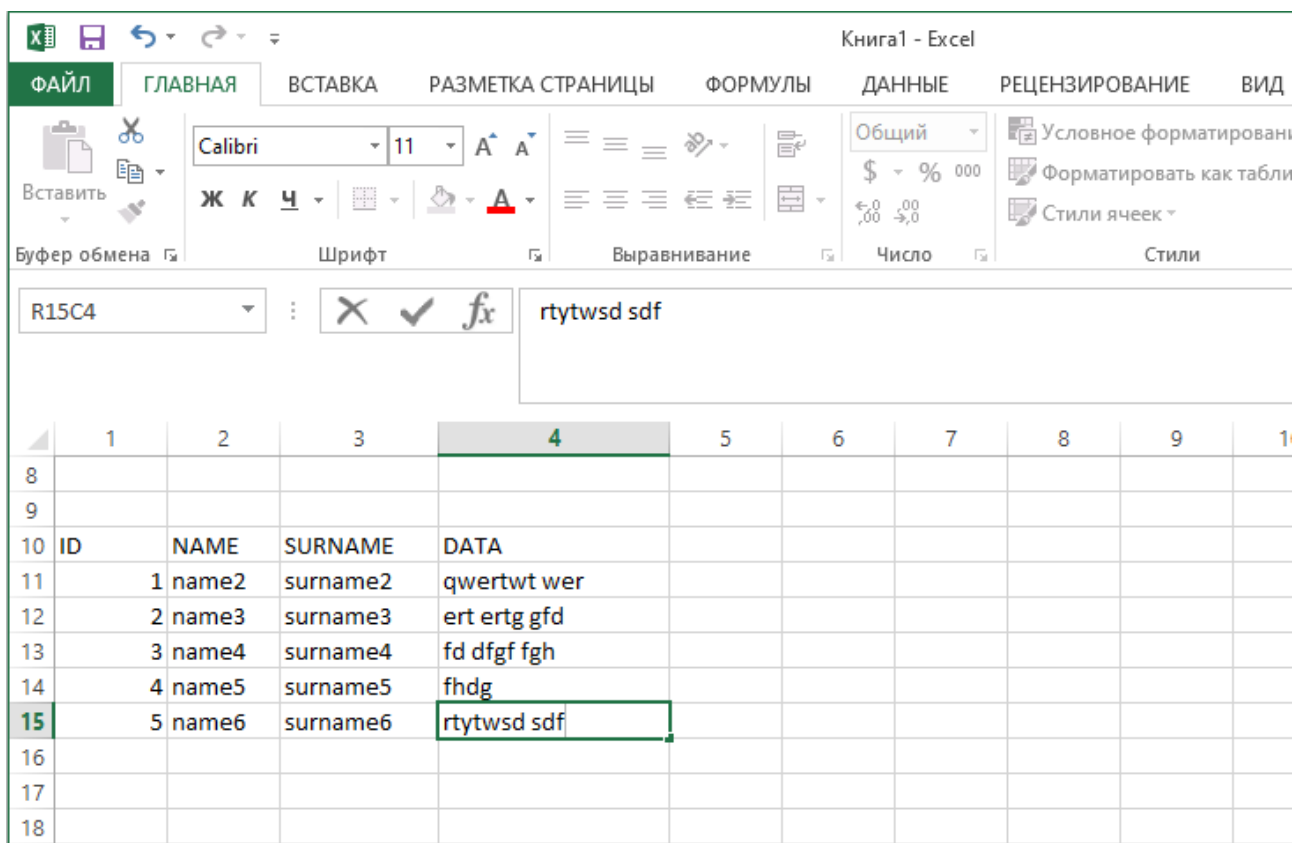
Column	Data Type
REGION_ID	NUMBER
REGION_NAME	VARCHAR2 (25 BYTE)

The diagram shows the following relationships:

- HR.LOCATIONS (P) to HR.COUNTRIES (F) via LOC_ID_PK (LOCATION_ID) and LOC_C_ID_FK (COUNTRY_ID).
- HR.COUNTRIES (P) to HR.REGIONS (F) via COUNTRY_C_ID_PK (COUNTRY_ID) and COUNTR_REG_FK (REGION_ID).



5) Импорт данных



Data Preview

Data Preview

Import Method

Choose Columns

Column Definition

Finish

Source: Local File

File: C:\Users\OEM\Desktop\1.xlsx

Browse...

File Format

☒ Header

Skip Rows: 0

Format: excel 2003+ (xlsx)

☒ Preview Row Limit: 100

File Contents

ID	NAME	SURNAME	DATA
1	name2	surname2	qwerty wer
2	name3	surname3	ert ertg gfd
3	name4	surname4	fd dfgh fgh
4	name5	surname5	fhg
5	name6	surname6	rtytwsd sdf

Restore State

Help

< Back

Next >

Finish

@ screenshot

Вывод

В ходе лабораторной работы была создана простая база данных в Oracle database XE. Были созданы пользователь, таблицы и их модели, а также импортирование данных из табличного документа.