1. Core Console App
   1. Written in VS 2017 (Win 10 x64). The text is as follows:

using System;

namespace ConsoleApp1

{

internal class Console\_App

{

private static void Main(string[] args)

{

//if (args.Length == 0)

// {

// Console.WriteLine("Please enter your name.");

// args[0] = Console.ReadLine();

// }

Console.WriteLine("Hello, {0}!", args[0]);

Console.ReadKey();

}

}

}

* 1. Source file is located here:

C:\Users\Home\OneDrive - EPAM\.NET Mentoring tasks\0 Introduction to .NET\1.1 Diversity of .NET\.NET Core\_Console app\.NET Core\_Console App\ConsoleApp1\CoreCons\_App.cs

* 1. Build successful (from Studio get “dll” file)
  2. Build as “exe” through csc.exe. The steps to be taken:
  3. Open “developer’s command propmpt for Visual Studio 2017”
  4. Run command to change directory to where source file is located:

cd C:\Users\Home\OneDrive - EPAM\.NET Mentoring tasks\0 Introduction to .NET\1.1 Diversity of .NET\.NET Core\_Console app\.NET Core\_Console App\ConsoleApp1

* 1. Run command to build as exe: csc -out:CoreCons.exe CoreCons\_App.cs
  2. Test the resulting executable file: run command in the same command prompt window:

CoreCons Aliaksandr

* 1. The output is: Hello, Aliaksandr!

1. Try to port this app to Ubuntu.
   1. Copy to shared folder (first install Guest Box Additions).

sudo apt-key adv --keyserver hkp://keyserver.ubuntu.com:80 --recv-keys 3FA7E0328081BFF6A14DA29AA6A19B38D3D831EF echo "deb https://download.mono-project.com/repo/ubuntu stable-bionic main"