using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using static System.Convert;

using static System.Console;

namespace Ch05Ex01

{

class Program

{

static void Main(string[] args)

{

short shortResult, shortVal = 4;

int integerVal = 67;

long longResult;

float floatVal = 10.5F;

double doubleResults, doubleVal = 99.999;

string stringResults, stringVal = "17";

bool boolVal = true;

WriteLine("Variable conversion examples \n");

doubleResults = floatVal \* shortVal;

WriteLine($"Implicet, -> double: {floatVal} \* {shortVal} -> {doubleResults}");

shortResult = (short)floatVal;

WriteLine($"Explicit, -> short: {floatVal} -> { shortResult}");

stringResults = Convert.ToString(boolVal) +

Convert.ToString(doubleVal);

WriteLine($"Explicit, -> string: \"{boolVal}\" + \"{doubleVal}\" ->" +

$"{stringResults}");

longResult = integerVal + ToInt64(stringVal);

WriteLine($"Mixed, -> long: {integerVal} + {stringVal} -> {longResult}");

ReadKey();

}

}

}

