/\* A C# console app that prompts a user to enter a month number

\* (a digit from 1-12). If the value entered is out of range (greater than 12

\* or less than 1) a meaningful error message appears, otherwise display a

\* message indicating that the month entered is valid and the name of the

\* appropriate month displays.\*/

// Written By: Sam Graham, Tampa, FL, USA

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using System;

using static System.Console;

namespace MonthChecky

{

class MonthChecky

{

enum Month

{

JANUARY = 1, FEBRUARY, MARCH, APRIL, MAY, JUNE, JULY,

AUGUST, SEPTEMBER, OCTOBER, NOVEMBER, DECEMBER

}

const int LOWEST\_VALUE = 1;

const int HIGHEST\_VALUE = 12;

const int NO\_INPUT = 0;

static void Main(string[] args)

{

int userInput = NO\_INPUT;

while (userInput == NO\_INPUT)

{

WriteLine("Enter the number of a Month (1-12): ");

try //error checking for non-numeric input.

{

userInput = Convert.ToInt32(ReadLine());

if (userInput >= LOWEST\_VALUE &&

userInput <= HIGHEST\_VALUE)

{

WriteLine("Your input is valid. \n");

WriteLine("{0} represents the month {1} \n",

userInput, (Enum.GetName(typeof(Month),

userInput)));

}

else

{

WriteLine("Please input a valid number \n");

userInput = NO\_INPUT;

}

}

catch

{

WriteLine("Please enter a numeric value \n");

userInput = NO\_INPUT;

}

}

}

}

}

