CODING EXERCISE

#1

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace CodingExercise

{

class Program

{

static void Main(string[] args)

{

int number = Convert.ToInt32(Console.ReadLine());

for (int i = 1; i <= number; i++)

{

if (i % 3 == 0)

{

Console.Write("\*");

}

else

{

Console.Write(i);

}

}

Console.ReadLine();

}

}

}

#2

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace CodingExercise

{

class Program

{

static void Main(string[] args)

{

const double pi = 3.14;

double radius = 5;

radius = Double.Parse(Console.ReadLine());

double area = pi \* (radius \* radius);

Console.WriteLine("Area is " +area);

Console.ReadLine();

}

}

}

#3

using System;

using System.Collections.Generic;

namespace SoloLearn

{

class Program

{

static void Main(string[] args)

{

int levels = Convert.ToInt32(Console.ReadLine());

Console.WriteLine(Points(levels));

Console.ReadLine();

}

static int Points(int levels)

{

if (levels <= 0)

return 0;

else if (levels == 1)

return 1;

return levels + Points(levels - 1);

}

}

}

#4

using System;

namespace CodingExercise

{

class Program

{

static void Main(string[] args)

{

string[] words = { "home", "programming", "victory", "C#", "football", "sport", "book", "learn", "dream", "fun" };

string letter = Console.ReadLine();

int count = 0;

for (int i = 0; i < 10; i++)

{

if (words[count].Contains(letter))

{

Console.WriteLine(words[count]);

count++;

}

}

if(count == 0)

{

Console.WriteLine("No match");

}

Console.ReadLine();

}

}

}