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// Introduction to Windows and Web Applications in C#
// example solution to the first assignment
// (squares, sum of five numbers, talk like a pirate)
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using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;

namespace Solution1
{
    class Program
    {
        static void Main(string[] args)
        {
            Squares();
            Pirate();
            Totals();
        }

        /// <summary>
        /// Print the numbers 1 to 10 and their squares.
        /// If the square > 30, display it is Red. Otherwise, in blue.
        /// </summary>
        static void Squares()
        {
            int square = 0; //declare and initialize a variable for the
square
            for (int i = 1; i <= 10; i++) //find squares for 1-10
            {
                square = i * i; //calculate the square
                if (square > 30) //determine the color
                {
                    Console.ForegroundColor = ConsoleColor.Red;
                }
                else
                {
                    Console.ForegroundColor = ConsoleColor.Blue;
                }
                Console.Write(i);
                Console.Write(" ");
                Console.WriteLine(square);
            }
            Console.WriteLine();
            Console.WriteLine();
            Console.ResetColor();
        }

        /// <summary>
        /// Replace "English" phrases with "pirate" phrases.
        /// </summary>
        static void Pirate()
        {
            string answer = "";
            Console.WriteLine("Enter your sentence:");
            answer = Console.ReadLine();
            answer = answer.Replace("excuse me", "arr");
        }
    }
}

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        answer = answer.Replace("Sir", "matey");
        answer = answer.Replace("where is", "whar be");
        answer = answer.Replace("is that", "be that");
        answer = answer.Replace("the", "th'");
        answer = answer.Replace("my", "me");
        answer = answer.Replace("your", "yer");
        answer = answer.Replace("restaurant", "galley");
        Console.WriteLine("The pirate sentence is:");
        Console.WriteLine(answer);
        Console.WriteLine();
    }

    /// <summary>
    /// Total a list of numbers input to the console.
    /// </summary>
    static void Totals()
    {
        int total = 0;
        for (int count = 0; count < 5; count++)
        {
            Console.Write("Enter the number: ");
            // Individual steps. Read in a string. Convert to an integer. Add it to
the total.
            string numberEntered = Console.ReadLine();
            int numberValue = int.Parse(numberEntered);
            total = total + numberValue;

            // One line. Send the return valud of ReadLine to Int.Parse.
            //total = total + int.Parse(Console.ReadLine());
        }
        Console.Write("The total is: ");
        Console.WriteLine(total);
    }
}

```