

Introduction to Windows and Web Applications in C#

Assignment 1

1. **Required:** Write an application that displays the numbers from 1 to 10 and their squares. If the square is greater than 30, display the number and its square in red. Otherwise, display them in blue. Use the “if” statement.
2. **Required:** Write an application that totals a series of 5 numbers:
 - a. Use a for loop to:
 - i. Prompt for a number.
 - ii. Read the number from the console.
 - iii. Add the number to the total.
 - b. Write the total to the console.
3. **Extra challenge homework:** Create a “Talk Like a Pirate” translator.
 - a. Prompt the user for a sentence.
 - b. Replace the English words with pirate words according to this table:

	<u>English word/phrase</u>	<u>Pirate equivalent</u>
Greetings:	excuse me	arrr
People:	Sir	matey
Questions:	where is	whar be
	is that	be that
Articles:	the	th'
	my	me
	your	yer
Places:	restaurant	galley

- c. Write the pirate sentence to the console.
- d. You only need to consider text in lower case.