



COMP.5202 Fundamentals of Programming & Problem Solving

Semester 2, 2017

COMP.5202 TEST #1
(This test contributes 30% to your final mark)
Student Name:
Student ID:
Total Mark:

Task 1

Criteria	Marks Allocated	Marks Awarded
Flow Diagram and Program Submission	Total 10	
Correct program flow	4	
Correct shapes used	4	
Entire project uploaded and use of .gitignore file	2	
C# Program	Total 15	
Program has 1 variable (at least) declared	1	
Console.WriteLine("") to display intro message	2	
Retrieves Celsius (correctly) as input from user, and stored in variable	2	
Calculates Fahrenheit, using correct formula	2	
Displays Fahrenheit to screen	2	
Console.ReadKey()	2	
Comments have been added to code (includes program brief and name of developer)	2	
Program runs without errors and clear screen	2	
Javascript Program	Total 15	
Program has 1 variable (at least) declared	1	
Use Prompt to ask the question, store the answer into a variable	2	
Calculates Fahrenheit, using correct formula	2	
Displays Fahrenheit in Alert Box	2	

Use correct ES6 syntax	2	
Make use of console.log to check output	2	
Comments have been added to code (includes program brief and name of developer)	2	
Program runs without errors	2	

Task 2

Criteria	Marks Allocated	Marks Awarded
Flow Diagram	Total 20	
Correct program flow	12	
Correct shapes used	6	
Entire project uploaded	2	
C# Program	Total 20	
Program has 3 variables (at least) declared		
A double variable; to store Number	2	
A double variable; to store Total	2	
A double variable; to store Average	2	
Console.WriteLine("") to display intro message	2	
Use of FOR loop, loops the following 10 times:	2	
Console.WriteLine("") asking for input, displays counter i.e. "Enter number {0}", i Retrieves number (correctly) as input from user, and adds number to total	4	
Calculates Average, using correct formula	2	
Displays Average	2	
Console. ReadKey ()	2	
Javascript Program	Total 20	

Program has 3 variables (at least) declared		
A double variable; to store Number	2	
A double variable; to store Total	2	
A double variable; to store Average	2	
Use alert to inform the user what the program is about	2	
Use of FOR loop, loops the following 10 times:	2	
Prompt asking for input, displays counter i.e. "Enter number {0}", i Retrieves number (correctly) as input from user, and adds number to total	4	
Calculates Average, using correct formula	2	
Displays Average	2	
Use correct ES6 syntax	2	