

# Group Activity 1

Started: Mar 23 at 8:14am

## Quiz Instructions

**Hand out date: Hand in date:**  
**Group activity**

### **Aim**

**The aims of working in small groups include the development of:**

- ☐ **intellectual understanding, abilities and skills**
- ☐ **communication, cooperative and teamwork skills such as planning, management, leadership and peer support**
- ☐ **personal growth (increased self-esteem and self-confidence)**
- ☐ **professional growth (development of professional standards, values and ethics)**
- ☐ **independence and increased responsibility for own learning**
- ☐ **Reflective practices (reviewing and reflecting, planning).**

### **Group Activity Information**

**1. Divide yourselves into small groups, minimum of two per group. (Write your names in space provided below and give this document, electronically, back to your facilitator on due date as specified above)**

**2. In your new group, discuss the following: (Ensure feedback is given in a word document on due date as specified above. Ensure your word document also contains each member's ICAS number, Name and Surname)**

### **Assessment criteria**

- ☐ **Research,**
- ☐ **Literal thinking, and**
- ☐ **Group dynamics**

### **Question 1**

**20 pts**

1. Create an application named Numbers whose main() method holds two integer variables. Assign values to the variables. Pass both variables to methods named sum () and difference(). Create the methods sum() and difference(); they compute the sum of and difference between the values of two

arguments, respectively. Each method should perform the appropriate computation and display the results. Save the application as Numbers.cs

**[10 marks]**

2. Create a class named Eggs. It's main () method holds an integer variable named numberOfEggs to which you will assign a value entered by a user at the keyboard. Create a method to which you pass numberOfEggs. The method displays the eggs in dozens; for example, 50 eggs is four full dozen (with 2 eggs remaining). Save the application as Eggs.cs

**[10 marks]**

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