

## **Software Development 1**

### **Tutorial Week 2**

#### **Problem Solving using Pseudo Code /Python**

**Use template provided for solutions.**

Write the Python solutions for the following problems:

1. Define variables and assign values to these to store your name, age and annual salary. Output the values. Output the type of variables.
2. Define variables to store two numbers and a total, all whole numbers. Assign values to the two numbers, add the two numbers together and store the result in the total variable. Output the total.
3. AMSales Ltd. has a total sales income of €4600000. Its east coast division accounts for 62% of the sales income. Define variables to store the total sales and the east coast sales. Assign the correct amount into the total sales variable and calculate the east coast sales value. Output the east coast sales value.
4. There are 43560 feet per acre. A particular tract of land is 389767 square feet. You need to define variables for feet per acre, a variable to store the number of feet in the tract of land and a variable to store the number of acres in that piece of land. Calculate the number of acres in that piece of land. Output the amount of feet in the piece of land and the corresponding number of acres.