C# Programming: Practical 4

**Q1 – Type, Save and Run the following code:**

**public** **class** Q1 {

**public** **static** **void** Main(String[] args) {

**double** accountBalance;

//Get Input

Console.WriteLine("Enter Account Balance: ");

accountBalance = Convert.ToDouble(Console.ReadLine());

**if**(accountBalance < 0)

{

Console.WriteLine("You are overdrawn...");

}

}

}

**Q2 – Write a Program that will read in a number from the user and then determine if the number is negative. If the number entered is negative, the Program should display an appropriate message on screen, *e.g. <-9> is negative*.**

**Q3 – Write a Program prompting the user to enter an exam grade. If the exam grade entered is 40 or higher, display the following message on screen:**

***“Congratulations – you have passed!!!”***

**Q4 – Write a Program that will read in a number from the user and then determine if the number is greater than 100. If the number entered is not greater than 100, the Program should do nothing.**

**Q5 – Write a Program that will read in the price of 3 books from the user, and then calculate the total of the three books combined. If the total price of the books is greater than €50.00, a 10% discount will be applied. Display the total amount due on screen.**

**Q6 – Write a Program that will calculate the total expenses payable to an employee. The Program should ask the user to enter the miles travelled and the allowance per mile, *e.g. 50c per mile*. If the number of miles travelled is more than 150, then an overnight allowance of €100 should be included in the total expenses awarded. If the total expenses awarded are less than €50, an additional 6% should be added to the expenses.**