C# Programming: Practical 7

**Question 1**: Write a Program that reads in a student’s exam result and which will then determine and display whether the student has passed the exam or not.

The pass mark for the exam is 40%.

If an invalid result is entered by the user, *e.g. a grade < 0 or a grade > 100*, an appropriate error message should be displayed on screen.

**Question 2**: Write a Program that will examine the Value of a double Variable called temp, and which will print one of the following depending on the Value assigned to temp.

|  |  |
| --- | --- |
| **Output** | **Value** |
| ICE | < 0 |
| WATER | 0 – 100 |
| STEAM | > 100 |

**Question 3**: Write a Program that reads in 24 hour time (in hours and minutes) and which then Validates and displays the validity of the time entered.

The program should print two lines to the Console.

* The first line should be one of the following three:
  + Hours Valid
  + Hours Invalid (< 0)
  + Hours Invalid (> 23)
* The second line should be of one of the following three:
  + Minutes Valid
  + Minutes Invalid (< 0)
  + Minutes Invalid (> 59)