

University College Dublin
MIS3011S Introduction to Programming
Practical 7

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1. Write a python program that reads a comma-separated file, and for each line in that file, prints the numbers bigger or equal to 10, sorted.
For example, for the following file:

```
10,7,34,12,9,5,19,-5
1,7,4,1,2,2,9,7
9,55,4,1,2,9,8,6
99,37,4,21,2,21,19,4
```

The output to the screen should be:

```
10,12,19,34
```

```
55
19,21,21,37,99
```

2. Write a python function for a simple code-guessing game.
Each code consists of 4 digits; a point is awarded for each digit in the correct place. Some example scores:
 - If the solution is (1,2,3,4):
 - If the attempt is (1,2,3,4), award 4 points;
 - If the attempt is (4,3,2,1), award 0 points.
 - If the solution is (1,2,2,1):
 - If the attempt is (1,2,1,2), award 2 points;
 - If the attempt is (1,1,1,1), award 2 points.

Example execution:

```
>>> guess([1,2,3,4],[1,2,3,4])
4
>>> guess([1,2,2,1],[1,2,1,2])
2
```