**07.05.2020**

**ACM 114 – Introduction to Computer Science and Programming**

**Quiz (Week 13)**

**Question:**

Write a program (if you solve with function definition, you will get extra credits) that generates 100 random numbers between 1 and 9 (like lottery numbers). The program should store the frequency of each number generated in a dictionary with the number as **the key** and the amount of times it has occurred as **the value**. For example, if the program generates the number 7 a total of 8 times, the dictionary will contain a **key** of 7 with an associated **value** of 8. Once all of the numbers have been generated, display information about the frequency of each number.

Firstly, the header of the output should be:

Number Frequency

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Then, the output of the program can be:

Number Frequency

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1 9

2 11

3 10

4 7

5 12

6 18

7 8

8 10

9 15