**03.04.2020**

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

**Quiz (Week 9)**

**Question:**

Write a program (if you solve with function definition, you will get extra credits for this question) that calculates and prints the value according to the given formula:

q =

The fixed values of n1 and n3 are 100 and 50, respectively.

n2 is the variable whose values should be input to your program in a comma-separated sequence (optional – input values ​​can be given as fixed values ​​in your code. On the other hand, if you give the inputs with this way, you will get extra credits). Let assume the following comma separated input sequence is given to the program:

50,75,125,150,200,250

The output of the program should be:

14,17,22,24,28,32

Hint: If the output received is in decimal form, it should be rounded off to its nearest value (for example, if the output received is 44.033, it should be printed as 44).In case of input data being supplied to the question, it should be assumed to be a console input.