

MECE 302 - Sensors and Measurements

HW - 3

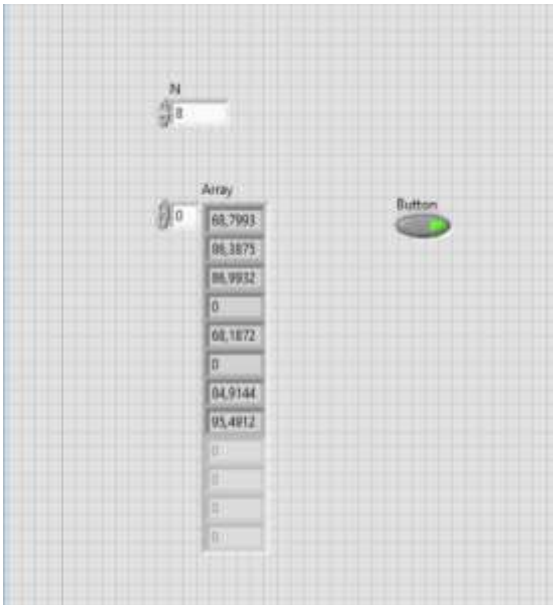
User enter value of N and program will be implemented according to N. Then program generates a random number.

1. If Button is ON, then random number is multiplied by constant 100 value.
2. If Button is OFF, user directly gets a constant 0.

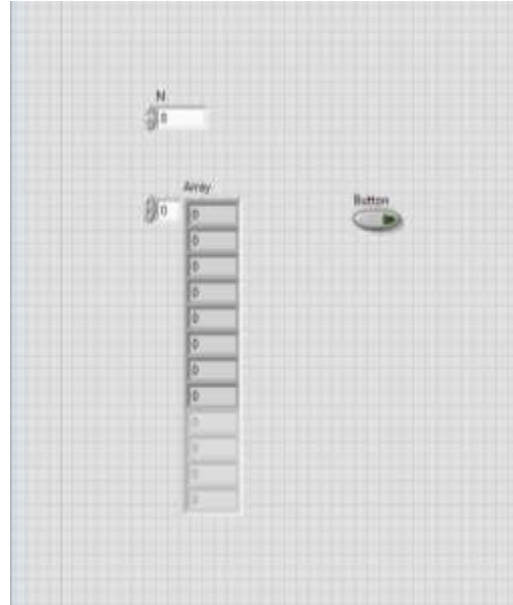
Then program will compare the obtained results with constant 50.

1. If obtained number is greater than 50, user gets a generated random values.
2. If obtained number is not greater than 50, user directly gets a constant 0.

Result of the calculations are indicated in front panel as an Array.



Button is ON.



Button is OFF.

Note 1 : The file should be saved as **yourname.vi** and emailed to **hilalbingol@cankaya.edu.tr** until **23:00 on 12.03.2017**.

Note 2 : Each student should write the program **individually**, otherwise it will not be graded.