Python Programming While Loops Homework 3

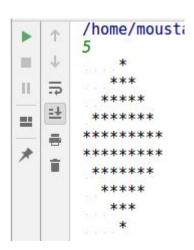
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Homework 1: Print Diamond

Read an integer N. Print diamond of 2N rows as below.



Homework 2: Special multiples 1

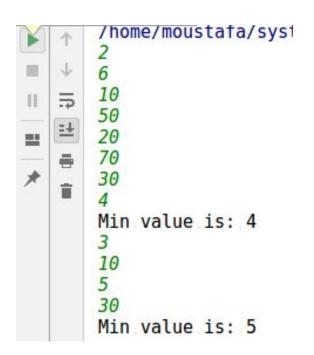
- Read an integer N : print all numbers <= N that satisfy the following property
 - Either number is divisible by 8
 - Or divisible by both 4 and 3
- Input: 100
- Output: 0 8 12 16 24 32 36 40 48 56 60 64 72 80 84 88 96

Homework 3: Special multiples 2

- Read an integer N (1 <= 30): Print the first N numbers that are
 - o multiple of 3 but not multiple of 4
- Input: 11
- Output: 3 6 9 15 18 21 27 30 33 39 42
- Notice
 - 12 is divisible by both 3 and $4 \Rightarrow$ so excluded

Homework 4: Minimum of values

- Read T for number of test cases.
- For each test case read integer N: For number of integers to read
- Then read N integers, each on a seperate line
- For each test case, print the minimum of the N integers.
- See picture
 - o 2 for 2 test cases
 - The length of the first is 6
 - And the length of the second is 3



"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."