

Python Programming

While Loops Homework 1

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Teaching, Training and Coaching since more than a decade!

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Homework 1: Print Range



- Given a starting integer X and an ending integer Y, print all integers between X and Y inclusive, each on a line.
- Input 3 7
- Output
 - 3
 - 4
 - 5
 - 6
 - 7

Homework 2: Repeat Me



- Read integer N and string S.
- Print S repeated N times as below
- Input: 5 Hi
- Output: HiHiHiHiHi
- Note: we can use string * 5
 - Please use while loops

Homework 3: Print face down left angled triangle ✓

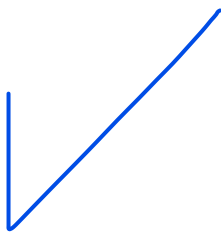
- Read integer N.
- Print a face down left angled triangle that has N rows as in picture



```
/home/  
5  
*****  
****  
***  
**  
*
```

A terminal window with a toolbar on the left. The toolbar contains icons for running, stepping through, pausing, and other debugging actions. The terminal output shows the prompt `/home/`, the input `5`, and a face down left angled triangle of stars: `*****`, `****`, `***`, `**`, and `*`.

Homework 4: Special Average



- Read integer N, followed by reading N **numbers**
 - Each on **separate lines**
- Print 2 values
 - The average of the numbers in odd positions (1st, 3rd, 5th, ...)
 - The average of the numbers in even positions (2nd, 4th, 6th, ...)
- Explantation
 - $(10+20+30)/3 = 20$
 - $(100+200+600)/3 = 300$

```
/home/mousta
6
10
100
20
200
30
600
20.0 300.0
```

“Acquire knowledge and impart it to the people.”

“Seek knowledge from the Cradle to the Grave.”