



Hacettepe University

Computer Engineering Department

# Programming in python

BBM103 Introduction to Programming Lab 1  
Week 9

Fall 2017

# Lab Exercises

## 1. Write python program

- a) that creates a dictionary such that its key value (from  $1$  to  $n$ ) determines the number of stars in its value (e.g.  $\{ '3' \rightarrow [ '*', '*' ] \}$ ) than displays them in the following pattern (with  $n = 8$ )

```
*  
**  
***  
****  
*****  
*****  
*****  
*****
```

**Note:** Use **dictionary comprehensions** in all programs.