

CompSci 6

Introduction to Computer Science

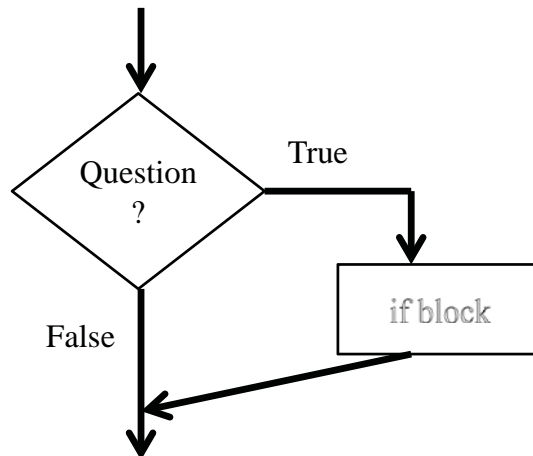
Sept. 15, 2011

Prof. Rodger

Announcements

- Read for next time Chap. 6
- Assignment 1
- Reading Quiz on Blackboard
 - Due before class next time
- Today
 - Finish Classwork 5, Classwork 6
 - APT - ReplaceFirstHalf

Making Decisions



Making Decisions in Python

if condition1:

Block of code to do if condition is true

elif condition2:

Block of code to do if condition1 false, condition2 is true

else:

Block of code to do if other conditions false

- Can have many elifs, leave out elif, leave out else

Making Decisions tools

- Boolean values: True, False
- Boolean operators: and, or, not

X	Y	X and Y	X or Y
True	True	True	True
True	False	False	True
False	True	False	True
False	False	False	False

- Relational operators: <, <=, >, >=
- Equality operators: ==, !=
- Look at if examples: miscIf.py, javabat

More on lists

- `range(1,11)`
 - Generates a list of numbers from 1 to 10

- Example:

```
for num in range(1,11):  
    print num
```