

# CompSci 6

# Introduction to Computer Science

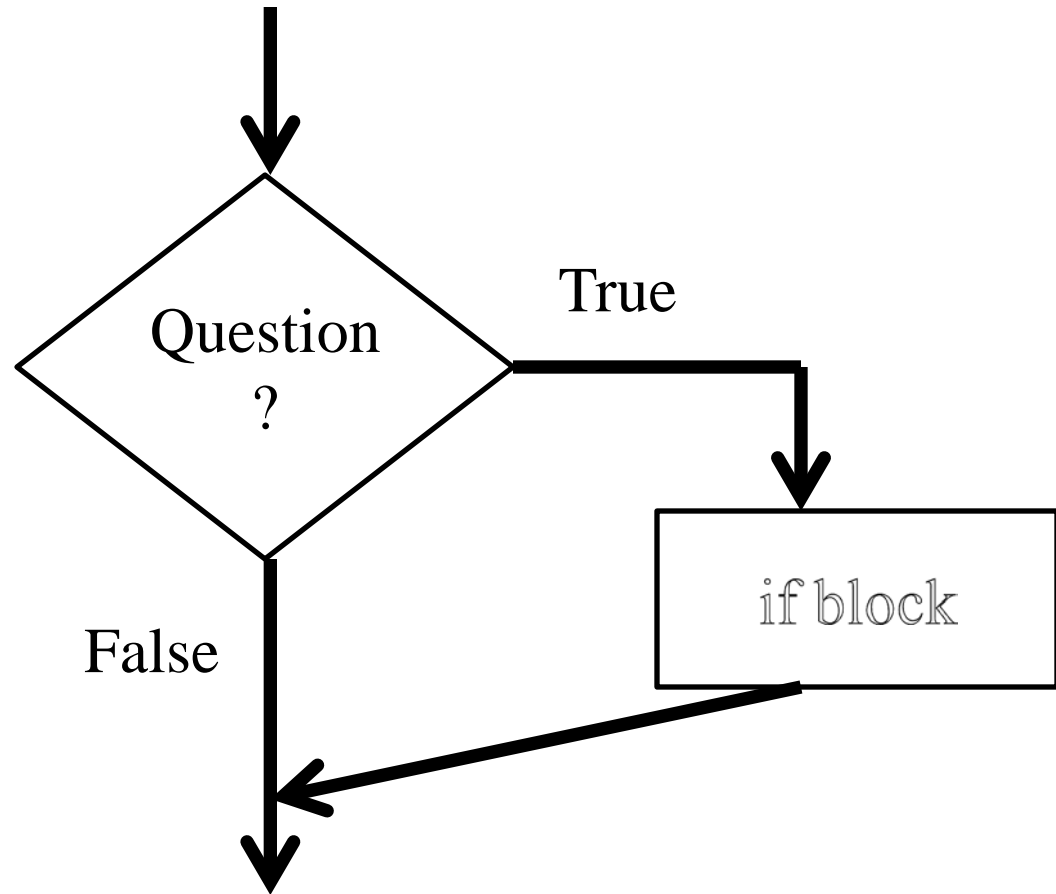
Sept. 15, 2011

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
```