CS8 Lab02

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Basic Information

• Prof. Costanzo’s Website
  – Project 1 posted

• My personal CS8 homepage:
    • Download lab slides here
    • Lab01 sample code here
Project 1

• Policy of Projects
  – Work alone or in pairs, in CSIL
  – Work Alone:
    • Write your name in header comments
    • Turnin using your CoE account
  – Work in pairs:
    • Write **both** of your names
    • **One** of you turnin
Lab02

- Lab02 requirements
  - Pair-programming
  - Follow the steps on Lab02 instruction
  - Step 4: draw a rectangle (Hw2)
    - Create a turtle, call your own function
  - Step 5: draw a house
    - Must have a try
  - Get your work check off
    - Turn in your Hw2
    - Get your Hw1
Lab02.py

• Saved in correct directory
• Two functions and comments

# lab02.py
# Name: Shiliang Tang and Xin Jin, 1/20/2015
# some functions to draw pictures using Turtle Graphics

# function to draw a rectangle
# parameters: name of a turtle, and the width and height to draw
# draws: a rectangle at the position of the turtle
def drawRectangle(myTurtle, width, height):
    # your code here

# function to draw a house
# parameters: name of a turtle, side length of house
# draws: a house at the position of the turtle
def drawHouse(myTurtle, width):
    # your code here
Extra Challenges

• Some hint for drawBlock() function
  – Use for loop, goes for number times
  – In the for loop, draw a house (call your function), and go forward for some distance
  – Use penup() and pendown() function to avoid drawing a line when turtle is moving