

# CS101A-计算机导论-Assignment 6

---

**Name:** 杨家鉴

**SID:** 12012711

## Ex.1

True

## Ex.2

**True** (p.214)

## Ex.3

**False** (p.220)

## Ex.4

1. Sequential
2. Conditional(Decision)
3. Loop(Iteration)

## Ex.5

The **while loop** first test the condition and then execute the activity, but the **repeate loop** first execute the activity and then test the condition. Then while loop may not execute the activity, but the repeate loop must execute the activity at least one time.

## Ex.6

1. A formal language(call the 'object language') for representing things formally.
2. A logical consequence relation among the formulas of formal language for defining the logical correctness/validity of formal reasoning.