

CS 153 / 453 Review for Exam 1

Chapter 1

Getting Input

- input function
- int function to convert to integer
- float function to convert to float
- printing a prompt inside the input function

Displaying Output

- print function
- newline
- end=' '
- string literal in " " or ' '
- outputting multiple items

Assignment Statement

Chapter 2

Variables

Reserved words

Object

Assignment Statement

Arithmetic + - * / // % **

Numeric types: int and float

Import statement

Math module

math.sqrt

math.pi

Unicode character set

Escape sequences

\\	backslash
\n	newline
\t	tab
\"	double quote
\'	single quote

Chapter 3

Strings

Lists

Sequence types: string, list, and tuple

Type conversions: int(), float(), str()

Section 3.8:

formatted printing

placeholders %d %f %s

Chapter 4

If statement

If-else statement

if-elif-else statement

Equality and relational operators

== != < > <= >=

Logical operators ("boolean" operators)

and or not

Membership operators

in not in

Section 4.7: **Order of evaluation**

Indentation