

22C:16 Quiz 1
Date: Jan 24th, 2012

1. Consider the following program

```
number = int(raw_input("Enter a number: "))
while number > 0:
    print number % 10
    number = number / 10
```

(a) What output does it produce, given input 3179?

(b) Describe in one sentence, what the program does, in general.

2. For each expression below, specify its type and value. For expression (6), suppose that the user types 10 + 20 in response to the prompt. For expression (7), suppose that the math module has been imported.

	Expression	Type	Value
1	17/2		
2	17/2.0		
3	float(17/2)		
4	str(17/2.0)		
5	"hello" + "100"		
6	raw_input("number?")		
7	math.sqrt(9)		
8	float(1) + 1		
9	int("337")		
10	float("300." + "100")		