

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

1. Consider the following program

```
number = int(raw_input("Enter a number: "))
count = 0
while count != number:
    print count
    count = count + 2
```

- (a) What output does it produce, given input 10? Use the back of the sheet, if necessary.
- (b) What happens if the input is 9? Explain in 1-2 sentences. Use the back of the sheet, if necessary.
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	10/10.0		
2	170/(2*5)		
3	float(17/2)		
4	str(17/2.0)		
5	"hello" + "100"		
6	"0 + " + raw_input("number?")		
7	str(math.sqrt(4))		
8	float(1) + 1		
9	int("33")		
10	float("300." + "100")		