1. (2 points) Last class, we learned a new type of value in python, to go along with the previous types we had learned `str`, `int`, and `float`. The data type `bool` can have what kind of values?
   A. negative or positive
   B. True or False
   C. -1, 0, or 1
   D. true or false
   E. Hi or Low

2. (2 points) What is output to the screen when the following line of code is executed? `print type(True or False)`
   A. True
   B. False
   C. `<type 'int'>`
   D. `<type 'bool'>`
   E. `<type 'str'>`

3. (4 points) State whether each of the following expressions will evaluated to `True` or `False` in python.
   (a) not (3>4) and (6%2 == 0)   (a) **True**
   (b) 1**2 != 7%2                (b) **False**
   (c) True and (False or True)   (c) **True**
   (d) (8 == 4*2) and True       (d) **False**

4. (2 points) Briefly (1 sentence) explain what the problem is with the function below which should print down a countdown to blastoff.

```python
def whileBlastoff(countdown):
    while countdown > 0:
        print countdown, "seconds to blastoff"
    print "BLASTOFF!"
```
Solution: We never subtract anything from the variable `countdown`, so we have an infinite loop because the condition in the while loop never evaluates to `False`. 