

## CSC108H Fall 2016 Worksheet: Choosing Test Cases

For each of the following functions, choose a set of test cases. Test only with valid input and avoid duplicate tests. The tables may contain more rows than necessary.

```
1. def is_teenager(age):  
    """ (int) -> bool
```

Precondition: age  $\geq 0$

Return True iff age is a teenager between 13 and 18 inclusive.  
"""

```
2. def all_fluffy(s):  
        """ (str) -> bool
```

Return True iff every character in s is fluffy. Fluffy characters are those that appear in the word 'fluffy'.  
"""

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```
3. def same_abs(int1, int2):  
        """ (int, int) -> bool
```

Return True iff `int1` and `int2` have the same absolute value.

```
4. def most_popular(company_to_placements):  
    """ (dict of {str : list of int}) -> list of str
```

Precondition: `company_to_placements` is not empty

Return the company (or companies) with the most placements in the race according to `company_to_placements`.