In-Class Worksheet
Discrete Math & Functional Programming— CSCI 054— Spring 2025
Instructor: Osborn

```
-- numList n returns a list of integers from n downto 1
numList n =
    if n <= 0
    then []
    else n : (numList (n-1))
```

Write a function `oddList` where `oddList n` evaluates to a list of odd integers from **n** down to 1. If **n** is less than 1 then the function should return an empty list.

Write a function `oddList'` where `oddList' n` evaluates to a list of odd integers from 1 up to, but possibly not including **n**. If **n** is less than 1 then the function should return an empty list. Do not use the `reverse` function.