```
In [1]: if 'Hello':
            print('The condition evaluated to True')
        else:
            print('The condition evaluated to False')
        The condition evaluated to True
In [2]: if { 'a': 34}:
            print('The condition evaluated to True')
            print('The condition evaluated to False')
        The condition evaluated to True
In [3]: if None:
            print('The condition evaluated to True')
        else:
            print('The condition evaluated to False')
        The condition evaluated to False
In [4]: a number = 15
In [5]: | if a_number % 2 == 0:
            print("{} is even".format(a_number))
            if a_number % 3 == 0:
                print("{} is also divisible by 3".format(a_number))
            else:
                print("{} is not divisible by 3".format(a_number))
        else:
            print("{} is odd".format(a_number))
            if a_number % 5 == 0:
                print("{} is also divisible by 5".format(a_number))
            else:
                print("{} is not divisible by 5".format(a_number))
        15 is odd
        15 is also divisible by 5
In [6]: a number = 9
In [7]: if a_number % 2 == 0:
        elif a number % 3 == 0:
            print('{} is divisible by 3 but not divisible by 2')
          File "<ipython-input-7-77268dd66617>", line 2
            elif a_number % 3 == 0:
        IndentationError: expected an indented block
In [9]: if a_number % 2 == 0:
            pass
        elif a_number % 3 == 0:
            print('{} is divisible by 3 but not divisible by 2'.format(a_number))
        9 is divisible by 3 but not divisible by 2
```

Wall time: 6.86 ms

```
line = '*'
In [14]:
          max_length = 10
          while len(line) <= max_length:</pre>
              print(line)
              line += "*"
          while len(line) > 0:
              print(line)
              line = line[:-1]
In [15]: line = 'JAY'
          max_length = 10
          while len(line) <= max_length:</pre>
              print(line)
              line += "JAY"
          while len(line) > 0:
              print(line)
              line = line[:-1]
          JAY
          JAYJAY
          JAYJAYJAY
          JAYJAYJAY
          ALYALYALYAL
          CYACYACYAC
          JAYJAYJAY
          JAYJAYJA
          JAYJAYJ
          JAYJAY
          JAYJA
          JAYJ
          JAY
          JA
          J
 In [ ]:
```