

CSC120H Fall 2018 Worksheet: if statements

Complete the following functions.

- ```
1. def earlier_name(name1: str, name2: str) -> str:
 """Return the name, name1 or name2, that comes first
 alphabetically.

 >>> earlier_name('Jen', 'Paul')
 'Jen'
 >>> earlier_name('Colin', 'Colin')
 'Colin'
 """
```
  
- ```
2. def ticket_price(age: int) -> float:
    """Return the ticket price for a person with age in years.
    Seniors 65 and over pay 4.75, kids 12 and under pay 4.25 and
    everyone else pays 7.50.

    Precondition: age > 0

    >>> ticket_price(7)
    4.25
    >>> ticket_price(21)
    7.5
    >>> ticket_price(101)
    4.75
    """
```

- ```
3. def format_name(first: str, last: str) -> str:
 """Return the given first and last name as a single string, in the form:
 last_name, first_name
 where last_name and first_name are replaced by last and first.
 Mononymous persons (those with no last name) should have their name
 returned without a comma.

 >>> format_name('Cherilyn', 'Sarkisian')
 'Sarkisian, Cherilyn'
 >>> format_name('Cher', '')
 'Cher'
 """
```