Control Flow
2 hours remaining

< Back

Solution: Conditional Statements

Solution: Guess My Number

```python
answer = 35
guess = 30    # this is just a sample answer and guess

if guess < answer:
    result = "Oops!  Your guess was too low."
elif guess > answer:
    result = "Oops!  Your guess was too high."
else:
    result = "Nice!  Your guess matched the answer!"
print(result)
```

Output

```
Oops! Your guess was too low.
```

Solution: Tax Purchase

```python
state = 'CA'
purchase_amount = 20.00     # a sample state and purchase amount

if state == 'CA':
    tax_amount = .075
    total_cost = purchase_amount*(1+tax_amount)
    result = "Since you're from {}, your total cost is {}.".format(state, total_cost)

elif state == 'MN':
    tax_amount = .095
    total_cost = purchase_amount*(1+tax_amount)
    result = "Since you're from {}, your total cost is {}.".format(state, total_cost)

elif state == 'NY':
    tax_amount = .089
    total_cost = purchase_amount*(1+tax_amount)
    result = "Since you're from {}, your total cost is {}.".format(state, total_cost)

print(result)
```

Output

```
Since you're from CA, your total cost is 21.5.
```

← Previous   Next →

Give Page Feedback