

## **Exercise**

### **Tax in US based on states:**

Create a method, which takes the state and gross income as the arguments and returns the net income after deducting tax based on the state.

Assume Federal Tax: 10%

Assume state tax on your wish.

You don't have to do for all the states, just take 3-4 to solve the purpose of the exercise.

```

def calculateNetIncome(gross, state):
    """
    Calculate the net income after federal and state tax
    :param gross: Gross Income
    :param state: State Name
    :return: Net Income
    """

    state_tax = {'CA': 10, 'NY': 9, 'TX': 0, 'NJ': 6}

    # Calculate net income after federal tax
    net = gross - (gross * .10)

    # Calculate net income after state tax
    if state in state_tax:
        net = net - (gross * state_tax[state] / 100)
        print("Your net income after all the heavy taxes
is: " + str(net))
        return net
    else:
        print("State not in the list")
        return None

calculateNetIncome(100000, 'CA')

```