# Handout 5

Consider the following program:

1. Draw the stack as it appears when the program reaches the line `#stack Q1`.

2. What output is produced by the whole program?

```
                                                DRAW STACK HERE
                                                ---------------
def compute_total(cost, state_tax, fed_tax):
    state = cost * state_tax
    fed = cost * fed_tax

    print("State tax:", state)
    print("Fed tax:", fed)
    total = cost + state_tax + fed_tax
    return total

def main():

    item = 100.0

    total = compute_total(item, 0.01, 0.05)

    # stack Q1
    print("The total is", total)

main()
```