

✓ Preliminary Quiz 2

```
# bottom-up approach
n = int(input("Enter number of types of coin denominations: "))
c = int(input("Enter amount of money:"))
def MakingChange(n):
    change = []
    total = 0
    for i in range(1, n+1):
        coins = int(input(f"Enter {n} coins: "))
        total += coins

    change = c - total
    return change

MakingChange(n)
```

```
↗ Enter number of types of coin denominations: 3
Enter amount of money:20
Enter 3 coins: 2
Enter 3 coins: 4
Enter 3 coins: 6
8
```