

```
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#3/11/2024
#P3LAB -Branching
```

```
#Get info from user
```

```
change = int(input("Enter amount of change: "))
```

```
#no change back
```

```
if change <= 0:
    print("No Change")
```

```
#Calculate how many dollars
num_dollars = change // 100
change = change - (num_dollars * 100)
```

```
#Calculate how many quarters
num_quarters = change // 25
change = change - (num_quarters * 25)
```

```
#Calculate how many dimes
num_dimes = change // 10
change = change - (num_dimes * 10)
```

```
#Calculate how many nickels
num_nickels = change // 5
change = change - (num_nickels * 5)
```

```
#Calculate how many pennies
num_pennies = change // 1
change = change - (num_pennies * 1)
```

```
#Display info to the user
```

```
if num_dollars > 0:
    print(num_dollars, end=" ")
    if num_dollars == 1:
        print("Dollar")
    else:
        print("Dollars")
```

```
if num_quarters > 0:
    print(num_quarters, end=" ")
    if num_quarters == 1:
        print("Quarter")
    else:
        print("Quarters")
```

```
if num_dimes > 0:
    print(num_dimes, end=" ")
    if num_dimes == 1:
        print("Dime")
    else:
        print("Dimes")
```

```
if num_nickels > 0:
    print(num_nickels, end=" ")
    if num_nickels == 1:
        print("Nickel")
    else:
        print("Nickels")
```

```
if num_pennies > 0:
    print(num_pennies, end=" ")
    if num_pennies == 1:
        print("Penny")
    else:
        print("Pennies")
```