from flask import Flask, redirect, render\_template, request, session, url\_for

app = Flask(\_\_name\_\_)

# Secret key for sessions

app.secret\_key = "secret"

@app.route("/", methods=["GET", "POST"])

def store():

if request.method == "GET":

return render\_template("store.html")

# For each item in store, checks if item is in session

# If item is in session, increments the count by value entered in the form

# If item is not in session, initialises the count by value entered in the form

# Redirects to the HTML page to view Shopping Cart

if request.method == "POST":

for item in ["eggs", "milk", "bread"]:

if item not in session :

session[item] = int(request.form[item])

else:

session[item] += int(request.form[item])

return redirect(url\_for("cart"))

@app.route("/cart", methods=["GET", "POST"])

def cart():

# Creates a list of dictionaries containing each item in cart and its quantity

# Displays this list in a HTML page

cart = []

for item in ["eggs", "milk", "bread"]:

cart.append({"name":item.capitalize(), "quantity":session[item]})

return render\_template("cart.html", cart=cart)

@app.route("/buy", methods=["GET", "POST"])

def buy():

# Total amount initialised to 0

amount = 0

# Index for list containing prices of items

index = 0

# Prices of every item

prices = [5, 12, 22]

# Creates a list of dictionaries containing each item in cart, its quantity, and cost(price\*qty)

# Calculates total bill amount

# Displays the bill in a HTML page

cart = []

for item in ["eggs", "milk", "bread"]:

row = {}

row["name"] = item.capitalize()

row["quantity"] = session[item]

row["price"] = prices[index] \* session[item]

amount = amount + row["price"]

cart.append(row)

index = index + 1

return render\_template("bill.html", cart=cart, amount=amount)

if \_\_name\_\_ == '\_\_main\_\_':

app.run()