```
1   sizesAvailable = ["Small", "Medium", "Large"]
2   basesAvailable = ["Thick", "Thin"]
3   toppingsAvailable = ["Pepperoni", "Chicken", "Extra Cheese", "Mushrooms", "Spinach",
    "Olives"]
4
5   def inputValidate (item, available):
6       print "\nYou have the following choices of " + item + " to choose from:"
7       for count in range (len(available)):
8           print available[count],
9       variable = raw_input("\n\nPlease enter the " + item + " you want: ")
10      while (variable not in available):
11          variable = raw_input("Please re-enter the " + item + " from one of the
            options above: ")
12      return variable
13
14  sizesCount = [0, 0, 0]
15  basesCount = [0, 0]
16  toppingsCount = [0, 0, 0, 0, 0, 0]
17  ordersCount = 0
18  while (raw_input("\n\nDo you want to take an order? ") in ["yes", "Yes", "YES",
    "True", "true", "TRUE", "yeah", "YEAH", "yeah"]):
19      status = "Alter"
20      while (status == "Alter"):
21          toppings = []
22          size = inputValidate("size", sizesAvailable)
23          base = inputValidate("base", basesAvailable)
24          toppingsNumber = int(input("\nPlease enter the number of toppings you want.
            You may enter any whole number between 0 and 3: "))
25          while (toppingsNumber > 3) or (toppingsNumber < 0):
26              toppingsNumber = int(input("\nPlease re-enter the number of toppings you
                want. You may enter any whole number between 0 and 3: "))
27          for count in range(toppingsNumber):
28              toppings.insert(count, inputValidate(("topping " + str(count + 1)),
                toppingsAvailable))
29          status = raw_input("\nDo you want to Confirm, Alter or Not proceed? ")
30      if status == "Confirm":
31          ordersCount += 1
32          print "Your unique order number is", ordersCount
33          for count in range(toppingsNumber):
34              toppingsCount[toppingsAvailable.index(toppings[count])] += 1
35          sizesCount[sizesAvailable.index(size)] += 1
36          basesCount[basesAvailable.index(base)] += 1
37  toppingsSum = 0.0
38  highest = 0.0
39  lowest = 1000.0
40  for count in range(len(toppingsAvailable)):
41      toppingsSum += toppingsCount[count]
42      if toppingsCount[count] > highest:
43          highest = toppingsCount[count]
44          highestIndex = count
45      if (toppingsCount[count] < lowest) and (toppingsCount[count] > 0):
46          lowest = toppingsCount[count]
47          lowestIndex = count
48  print "\n\n", toppingsAvailable[highestIndex], "was the most popular topping and
    accounted for", ((highest/toppingsSum) * 100.0), "% of the toppings sales."
49  print toppingsAvailable[lowestIndex], "was the least popular topping and accounted
    for", ((lowest/toppingsSum) * 100.0), "% of the toppings sales."
```