**# Initialize Empty List**

Set Foodf to empty list //Foodf🡨[]

Set Shirts to empty list //Shirts🡨[]

Set Externale to empty list // Externale🡨[]

Set other to empty list // othero🡨 []

Set food to empty list // food🡨 []

Set external to empty list // external🡨 []

Set shirt to empty list // shirt🡨 []

# Initialize Temporary Variables

temp🡨""

**# Opening '2016-17-3.csv’ File**

with open('2016-17-3.csv') as csv\_file:

csv\_reader 🡨 csv.reader (csv\_file, delimiter=',')

line\_count 🡨0 // Initializing Line count of csv file

FOR row 🡨 IN csv\_reader:

IF (line\_count equals 0):

THEN line\_count 🡨line\_count+ 1 // Increase Line\_count By 1

ELSE:

External🡨Append (row [0])

line\_count 🡨line\_count+ 1 // Increase Line\_count By 1

PRINT “Processed ‘line\_count’ Lines”

**# Opening 'men.csv’ File**

with open('men.csv') as csv\_file:

csv\_reader 🡨 csv. reader (csv\_file, delimiter=',')

line\_count 🡨0 // Initializing Line count of csv file

FOR row 🡨 IN csv\_reader:

IF (line\_count equals 0):

THEN line\_count 🡨line\_count+ 1 // Increase Line\_count By 1

ELSE:

Shirt🡨Append (row [0])

line\_count 🡨line\_count+ 1 // Increase Line\_count By 1

PRINT “Processed ‘line\_count’ Lines”

**# Opening 'generic-food.csv’ File**

with open('generic-food.csv') as csv\_file:

csv\_reader =🡨csv.reader(csv\_file, delimiter=',')

line\_count 🡨0 // Initializing Line count of csv file

FOR row 🡨 IN csv\_reader:

IF (line\_count equals 0):

THEN line\_count 🡨line\_count+ 1 // Increase Line\_count By 1

ELSE:

food🡨Append (row [0])

line\_count 🡨line\_count+ 1 // Increase Line\_count By 1

PRINT “Processed ‘line\_count’ Lines”

**# Initialize Empty Dictionary**

Set food\_dict to empty dictionary // food\_dict🡨{}

Set shirt\_dict to empty dictionary // shirt\_dict🡨{}

Set other\_dict to empty dictionary // other\_dict🡨{}

Set external\_dict to empty dictionary // external\_dict🡨{}

**# Sorting Items into Specific Categories**

FOR i 🡨 0 TO length of inputlistk:

IF (inputlistk[i] IS IN food):

THEN temp🡨inputlistk[i]: inputlistv[i]

Foodf🡨Append(temp) //Items under Food Category

food\_dict[inputlistk[i]]🡨inputlistv[i]

ELSE IF (inputlistk[i] IS IN shirt):

THEN temp🡨inputlistk[i]: inputlistv[i]

shirts🡨Append(temp) // Items under Clothing Category

shirt\_dict[inputlistk[i]]🡨inputlistv[i]

ELSE IF (inputlistk[i] IS IN external):

THEN temp🡨inputlistk[i]: inputlistv[i]

externale🡨Append(temp) // Items under External Category

external\_dict[inputlistk[i]]🡨inputlistv[i]

ELSE:

THEN temp🡨inputlistk[i] : inputlistv[i]

othero🡨Append(temp) // Items under Other Category

other\_dict[inputlistk[i]]🡨inputlistv[i]

**# After Sorting All Items into their Specific Categories**

PRINT foodf

PRINT shirts

PRINT externale

PRINT othero