#include <iostream>

#include <iomanip>

using namespace std;

int main() {

int playerOption, playerOption1,playerOption2;

double orderCost=0.00;

cout<<"Please select a menu item from the list below"<<endl;

cout<<"1 - View Food Menu"<<endl;

cout<<"2 - Pay total due"<<endl;

cout<<"3 - Add $5 in credit"<<endl;

cout<<"4 - Clear order"<<endl;

cout<<endl;

cin>>playerOption;

if(playerOption==1){

cout<<"What would you like to add to your order?"<<endl;

cout<<"(1) Chicken Sandwich: $3.45"<<endl;

cout<<"(2) Chicken Salad: $4.00"<<endl;

cout<<"(3) French Fries: $1.99"<<endl;

cout<<"(4) Hotdog: $2.99"<<endl;

cout<<"(5) Pizza: $3.99"<<endl;

cout<<"(6) Go to main menu"<<endl;

cout<<"Your current total is: $0.00"<<endl;

cin>>playerOption1;

if(playerOption1==1){

while (playerOption1!=6) {

cout<<"What would you like to add to your order?"<<endl;

cout<<"(1) Chicken Sandwich: $3.45"<<endl;

cout<<"(2) Chicken Salad: $4.00"<<endl;

cout<<"(3) French Fries: $1.99"<<endl;

cout<<"(4) Hotdog: $2.99"<<endl;

cout<<"(5) Pizza: $3.99"<<endl;

cout<<"(6) Go to main menu"<<endl;

cout<<"Your current total is: $"<<orderCost<<endl;

cin>>playerOption1;

if(playerOption==1){

orderCost+=3.45;

}

else if(playerOption==2){

orderCost+=4.00;

}

else if(playerOption==3){

orderCost+=1.99;

}

else if(playerOption==4){

orderCost+=2.99;

}

else if(playerOption==5){

orderCost+=3.99;

}

else{

cout<<"Invalid item number please try again";

break;

}

}

cout<<"Please select a menu item from the list below"<<endl;

cout<<"1 - View Food Menu"<<endl;

cout<<"2 - Pay total due"<<endl;

cout<<"3 - Add $5 in credit"<<endl;

cout<<"4 - Clear order"<<endl;

cin>>playerOption2;

}

}

if(playerOption==2){

cout<<"Your total due is: $";

cout << fixed << setprecision(2) << orderCost<<endl;

cout<<"Thank you! Your change is: $10.00"<<endl;

cout<<"Enjoy your meal!"<<endl;

}

else{

cout<<"Invalid item number please try again"<<endl;

}

return 0;

}

Highest Frequency

def frequencynames(names):

dct={}

lst=[]

for i in names:

dct[i]=0

for j in dct:

for k in names:

if j==k:

dct[j]+=1

namekeys= list(dct.keys())

n=namekeys[0]

cnt=dct[n]

for w in dct:

if dct.get(w)>=cnt:

if w<n:

cnt=dct.get(w)

n=w

print(n,cnt)

a=input()

b= a.split()

frequencynames(b)

CommonWords

def commonwords(lst1,lst2):

dct={}

lst=[]

for i in lst1:

dct[i]=0

for j in lst1:

for k in lst2:

if j==k and j not in lst:

lst.append(j)

lst.sort()

for l in lst:

print(l, end=" ")

a=input()

b= a.split()

c=input()

d= c.split()

commonwords(b,d)

Sequence

def sequence(lst):

numlst=[]

total=0

for item in lst:

item=int(item)

numlst.append(item)

for one in numlst:

for two in numlst:

if one+two==1000:

total+=1

if one+two==-1000:

total+=1

if one==1000 and two==0 or two==1000 and one==0:

total+=1

else:

continue

if total>1:

print("Yes")

elif total==1:

print("Yes")

elif total==0:

print("No")

a=input()

b= a.split()

sequence(b)

Reverse order

lst=[]

data=int(input())

while data !=0:

lst.append(data)

data=int(input())

if len(lst) > 0:

for i in range (len(lst)-1,-1,-1):

print (lst[i])

Repeated

lst=[]

repeat=[]

data=int(input())

while data !=0:

lst.append(data)

data=int(input())

for i in range(len(lst)):

k = i + 1

for j in range(k, len(lst)):

if lst[i] == lst[j] and lst[i] not in repeat:

repeat.append(lst[i])

for k in repeat:

print(k)

Sort and prime in reverse

lst=[]

data=int(input())

while data !=0:

lst.append(data)

data=int(input())

lst.sort()

if len(lst) > 0:

for num in range(len(lst)-1,-1,-1):

for i in range(2, lst[num]):

if (lst[num] % i) == 0:

break

else:

print(lst[num])

Prime

lst=[]

data=int(input())

while data !=0:

lst.append(data)

data=int(input())

lst.sort()

if len(lst) > 0:

for num in range(len(lst)):

for i in range(2, lst[num]):

if (lst[num] % i) == 0:

break

else:

print(lst[num])

Biggest prime

**lst=[]**

**data=int(input())**

**a=0**

**while data !=0:**

**lst.append(data)**

**data=int(input())**

**lst.sort()**

**if len(lst) > 0:**

**for num in range(len(lst)):**

**for i in range(2, lst[num]):**

**if (lst[num] % i) == 0:**

**break**

**else:**

**if a<(lst[num]):**

**a=lst[num]**

**print(a)**

Count numbers

**lst=[]**

**data=int(input())**

**a=0**

**count=0**

**while data !=0:**

**lst.append(data)**

**data=int(input())**

**if len(lst) > 0:**

**for num in range(len(lst)):**

**for i in range(2, lst[num]):**

**if (lst[num] % i) == 0:**

**break**

**else:**

**count+=1**

**print(count)**

**Recursion**

**def listsum(numList):**

**if len(numList) == 1:**

**return numList[0]**

**else:**

**return numList[0] + listsum(numList[1:])**