# -\*- coding: utf-8 -\*-

"""

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"""

def Correction\_Num (num):

correction=""

for i in num:

if i==" ":

continue

else:

correction+=i

return correction

def taille(num):

if len(num)==9:

return True

else:

return False

def valide\_num(num):

if (num[:2]=='77' or num[:2]=='76' or num[:2]=='75' or num[:2]=='70'):

if taille(num)==True:

return True

else:

return False

def Affciher(prenom, nom, A):

for i in A:

for j in i:

for k in j:

if nom==k.get("nom") and prenom==k.get("prenom"):

return k["numero"]

else:

print("Non trouvé !")

def modifications(element, numero, A):

for i in A:

for j in i:

for k in j:

if numero==k.get("numero"):

k["numero"]==element

def ajouter\_numero (numero, prenom, nom,A):

for i in A:

for j in i:

for k in j:

if prenom==k.get("prenom") and nom==k.get("nom"):

if numero[:2]=='77' or numero[:2]=='78' and valide\_num(numero)==True:

Orange.append({"prenom":prenom,"nom":nom,"numero":numero})

elif numero[:2]=='76'and valide\_num(numero)==True:

Free.append({"prenom":prenom,"nom":nom,"numero":numero})

elif numero[:2]=='75'and valide\_num(numero)==True:

ProMobile.append({"prenom":prenom,"nom":nom,"numero":numero})

elif numero[:2]=='70'and valide\_num(numero)==True:

Expresso.append({"prenom":prenom,"nom":nom,"numero":numero})

else:

return None

Orange,Free,Expresso,ProMobile=[],[],[],[]

Operateurs=[Orange,Free,Expresso,ProMobile]

while True:

prenom=input("Entrez le prenom :")

nom=input("Entrez le nom :")

numero=input("Entrez le numero :")

a=Correction\_Num(numero)

b=valide\_num(a)

if b==True:

if (a[:2]=='77' or a[:2]=='78'):

Orange.append({"prenom":prenom,"nom":nom,"numero":a})

elif a[:2]=='76':

Free.append({'prenom':prenom,'nom':nom,'numero':a})

elif a[:2]=='75':

ProMobile.append({'prenom':prenom,'nom':nom,'numero':a})

elif a[:2]=='70':

Expresso.append({'prenom':prenom,'nom':nom,'numero':a})

else:

print(" Numero Invalide !")

arret=input("Tapez oui pour continuer :")

if arret!="oui":

break

print("\nClients de la matrice\n")

for i in Operateurs:

print("\n",i)

#J'ai pas encore fini l'exercice 9