# inventory system project

from datetime import datetime

import random

import sys

all\_products = [

[1, 'PTA School Fees', 100, '200$'],

[2, 'Miscellaneous Fees', 100, '30$'],

[3, 'Teachers Fees', 100, '50$'],

[4, 'School Guards Fees', 100, '30$'],

[5, 'Gardener Fees', 100, '25$']

]

def banner():

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\tRTPM-DSHS SCHOOL FEES")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\t1.Show All Fees")

print("\t2.Pay For Fees")

print("\t3.Add Fees")

print("\t4.Exit")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

def display\_all():

print("SNO\tProdcut\t\tIn Stock\tPrice")

for item in all\_products:

print("{0}\t{1}\t{2}\t\t{3}".format(item[0], item[1], item[2], item[3]))

def order\_summary(product, name):

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\t\tRTPM-DSHS SCHOOL FEES")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("Order Summary\tDate:{}".format(str(datetime.now())))

print("Customer Name: {}".format(name))

print("Fee Name: {}".format(item[1]))

print("Price: {}".format(item[-1]))

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\t\tTotal Bill Amount: {}".format(item[-1]))

def generate\_bill(product, name):

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\t\tRTPM-DSHS SCHOOL FEES")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("Bill:{} \tDate:{}".format(int(random.random()\*100000), str(datetime.now())))

print("Customer Name: {}".format(name))

print("Fee Name: {}".format(item[1]))

print("Price: {}".format(item[-1]))

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\t\tTotal Bill Amount: {}".format(item[-1]))

while(True):

banner()

choice = int(input())

if choice == 1:

display\_all()

elif choice == 2:

display\_all()

prod\_id = int(input("Enter the Product ID: "))

for item in all\_products:

if item[0] == prod\_id:

name = input("Customer Name: ")

order\_summary(item, name)

cnf = input("Confirm the Order(Y/N)")

if cnf == 'Y':

item[2] -= 1

generate\_bill(item, name)

print("Thanks For Paying!")

sys.exit(0)

else:

print("Continue Exploring the Website")

elif choice == 3:

username = input("Enter Admin UserID: ")

password = input("Enter the Password: ")

if username == "Admin" and password == "password":

prod = []

prod.append(len(all\_products)+1)

prod.append(input("Enter the Fee Name: "))

prod.append(int(input("Available: ")))

prod.append(int(input("Price: ")))

all\_products.append(prod)

else:

print("Incorrect username and password")

else:

print("GoodBye!!")

break