class pizza\_size:

def \_\_init\_\_(self,name,price):

self.name=name

self.price=price

def check\_budget(self,budget):

if not isinstance(budget,(int,float)) or budget<0:

raise ValueError("budget cannot be negative!!!!")

return True

def calcu\_balance(self,budget):

return budget-self.price

def sugg\_packs(self,budget):

try:

self.check\_budget(budget)

if budget>self.price:

print(f"you can buy {self.name}pack")

print(f"your remaining balance is {self.calcu\_balance(budget)}")

elif budget==self.price:

print(f"you can buy {self.name}.no balance is remaining")

else:

print(f"you will not able to afford {self.name}pack.")

except ValueError as ve:

print(ve)

small=pizza\_size("small",20)

regular=pizza\_size("regular",30)

big=pizza\_size("big",50)

packets=[small,regular,big]

try:

budget=float(input("enter the budget:"))

for pack in packets:

pack.sugg\_packs(budget)

except ValueError:

print("enter a numerical value")