#priority algorithm

i=0

n = int(input('Enter the total no of processes: '))

for i in range(n):

pro\_queue.append([])#append a list object to the list

pro\_queue[i].append(input('Enter p\_name: '))

pro\_queue[i].append(int(input('Enter p\_arrival: ')))

pro\_queue[i].append(int(input('Enter p\_bust: ')))

pro\_queue[i].append(int(input('Enter periority: ')))

pro.sort(key = lambda pro:int(pro[3]))

pro.sort(key = lambda pro:int(pro[1]))

import time

for i in range(int(n)):

print("process name",pro[i][0]," processing & Arrival Time = ",pro[i][1]," & Burst Time = ",pro[i][2]," & Priority = ",pro[i][3)

time.sleep(int(pro[i][2]))