Sjf

arr=[]

bt=[]

wt=[]

wtotal=0

n=int(raw\_input(‘Enter total no of processes :‘))

for x in xrange(n):

arr.append([])

arr[x].append(int(raw\_input(‘enter process number: ‘)))

bt.append(int(raw\_input(‘enter pburst time: ‘)))

j=1

for i in xrange(n):

select=i

for j in xrange(n):

if(bt[j]<bt[select];

select=j

temp=bt[i]

bt[i]=bt[select]

bt[select]=temp

temp=arr[i]

arr[i]=arr[select]

arr[select]=temp

wt.append(0)

j=0

for i in xrange(n):

wt.append(0)

for j in xrange(i):

wt[i]=wt[i]+bt[i]

wtotal=wtotal+wt[i]

print ‘process Number\t Arrival time\t Burst Time\t Waiting time’

for I in xrange(n):

print arr[i],’\t\t’,atime,’\t\t’,bt[i],’\t\t’,wt[i]

print ‘total waiting time: ‘,wtotal

print ‘total average time: ‘ ,(wtotal/n)