#include <stdio.h>

int main()

{

int n;

int at[100], pt[100],tat[100],w[100],wt[100];

while(1){

printf("enter the number of processes");

scanf("%d",&n);

for(int i=0; i<n; i++){

printf("enter the burst time of processes %d \t",i);

scanf("%d",&pt[i]);

printf("enter the arrival time of processes %d \t",i);

scanf("%d",&at[i]);

}

// printf("enter the waitin time\n");

// for(int =0, i<n; i++){

// int wait=o;

// printf("process%d"=%d",i,wait);

w[0]=pt[0];

for(int i=1; i<n; i++){

w[i]=w[i-1]+pt[i];

}

for(int i=0; i<n; i++){

tat[i]=w[i]-at[i];

}

for(int i=0; i<n; i++){

wt[i]=tat[i]-pt[i];

}

for(int i=0; i<n; i++){

printf("tat of process %d is = %d \n",i,tat[i]);

printf("w of process %d is = %d \n",i,wt[i]);

}

float atat=0;

for(int i=0; i<n; i++){

atat=atat+tat[i];

}

atat=atat/n;

printf("atat= %f",atat);

return 0;

}

}