```c
#include<stdio.h>
#include<string.h>
int main()
{
char pn[10][10],t[10];
int arr[10],bur[10],star[10],finish[10],tat[10],wt[10],i,j,n,temp;
int totwt=0,tottat=0;
printf("Enter the number of processes:");
scanf("%d",&n);
for(i=0; i<n; i++)
{
printf("Enter the ProcessName, Arrival Time& Burst Time:");
scanf("%s%d%d",&pn[i],&arr[i],&bur[i]);
}
for(i=0; i<n; i++)
{
for(j=0; j<n; j++)
{
if(arr[i]<arr[j])
{
temp=arr[i];
arr[i]=arr[j];
arr[j]=temp;
temp=bur[i];
bur[i]=bur[j];
bur[j]=temp;
strcpy(t,pn[i]);
strcpy(pn[i],pn[j]);
strcpy(pn[j],t);
}
}
}
for(i=0; i<n; i++)
{
if(i==0)
```

```c
star[i]=arr[i];
else
star[i]=finish[i-1];
wt[i]=star[i]-arr[i];
finish[i]=star[i]+bur[i];
tat[i]=finish[i]-arr[i];
}
printf("\nPName Arrtime Burtime WaitTime Start \t TAT\tFinish");
for(i=0; i<n; i++)
{

printf("\n%s\t%3d\t%3d\t%3d\t%3d\t%6d\t%6d",pn[i],arr[i],bur[i],wt[i],star[i],tat[i],finish[i]
);
totwt+=wt[i];
tottat+=tat[i];
}
printf("\nAverage Waiting time:%f\n",(float)totwt/n);
printf("\nAverage Turn Around Time:%f\n",(float)tottat/n);
return 0;
}
```