```c
#include<stdio.h>
int main()
{
        int p[10],at[10],bt[10],ct[10],tat[10],wt[10],i,j,temp=0,n;
        float awt=0,atat=0;
        printf("Enter no of process you want:");
        scanf("%d",&n);
        printf("enter %d process:",n);
        for(i=0;i<n;i++)
        {
                scanf("%d",&p[i]);
        }
        printf("enter %d arrival time:",n);
        for(i=0;i<n;i++)
        {
                scanf("%d",&at[i]);
        }
        printf("enter %d burst time:",n);
    for(i=0;i<n;i++)
    {
      scanf("%d",&bt[i]);
    }
    for(i=0;i<n;i++)
    {
      for(j=0;j<(n-1);j++)
      {
      if(at[j]>at[j+1])
      {
              temp=p[j+1];
              p[j+1]=p[j];
              p[j]=temp;
              temp=at[j+1];
              at[j]=temp;
              temp=bt[j+1];
              bt[j+1]=bt[j];
              bt[j]=temp;
      }
      }
    }
        ct[0]=at[0]+bt[0];
        for(i=1;i<n;i++)
        {
           temp=0;
           if(ct[i-1]<at[i])
           {
                   temp=at[i]-ct[i-1];
           }
           ct[i]=ct[i-1]+bt[i]+temp;
        }
        printf("\np\tA.T\t B.T\t C.T\t TAT\t WT");
        for(i=0;i<n;i++)
        {
           tat[i]=ct[i]-at[i];
           wt[i]=tat[i]-bt[i];
           atat += tat[i];
           awt += wt[i];
        }
```

```c
atat = atat/n;
awt = awt/n;
for(i=0;i<n;i++)
{
    printf("\np%d\t%d\t%d\t%d\t%d\t%d",p[i],at[i],bt[i],ct[i],tat[i],wt[i]);
}
printf("\n average turn around time is %f",atat);
printf("\n average waiting time is %f",awt);
return 0;
}
```