

```

#include<stdio.h>

int main()
{

    int i,j,n,t,remain,flag=0,tq;

    int wt=0,tat=0,at[10],bt[10],rt[10];

    printf("Enter Total Process:\t ");

    scanf("%d",&n);

    remain=n;

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

        printf("Enter Arrival Time and Burst Time for Process Process Number %d :",i+1);

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

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

        rt[i]=bt[i];

    }

    printf("Enter Time Quantum:\t");

    scanf("%d",&tq);

    printf("\n\nProcess\t| Turnaround Time| Waiting Time\n\n");

    for(t=0,i=0;remain!=0;)

    {

        if(rt[i]<=tq && rt[i]>0)

        {

            t+=rt[i];

            rt[i]=0;

            flag=1;

        }

        else if(rt[i]>0)

        {

            rt[i]-=tq;

            t+=tq;

        }

        if(rt[i]==0 && flag==1)

        {

```

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    remain--;
    printf("P[%d]\t|\t%d\t|\t%d\n",i+1,t-at[i],t-at[i]-bt[i]);

    wt+=t-at[i]-bt[i];

    tat+=t-at[i];

    flag=0;
}

if(i==n-1)

    i=0;

else if(at[i+1]<=t)

    i++;

else

    i=0;

}

printf("\nAverage Waiting Time= %f\n",wt*1.0/n);

printf("Avg Turnaround Time = %f",tat*1.0/n);


return 0;

}
```