```cpp
#include<stdio.h>
int main()
{
        int a[10],b[10],x[10],i,j,smallest,count=0,time,n;
        double avg=0,tt=0,end;
        printf("\n Enter the Number of Processes\n");
        scanf("%d",&n);
        printf("\n Enter the Arrival Time of Processes\n");
        for (i=0;i<n;i++)
                scanf("%d",&a[i]);
        printf("\n Enter the Burst Time of Processes\n");
        for (i=0;i<n;i++)
                scanf("%d",&b[i]);
        for (i=0;i<n;i++)
                x[i]=b[i];
        b[9]=9999;

        for (time=0;count!=n;time++)
        {
                smallest=9;
                for (i=0;i<n;i++)
                {
                        if(a[i]<=time && b[i]<=b[smallest] && b[i]>0)
                                smallest=i;
                }
                b[smallest]--;

                if(b[smallest]==0)
                {
                        count++;
                        end=time+1;
                        avg=avg+end-a[smallest]-x[smallest];
                        tt=tt+end-a[smallest];
                }
        }
        printf("\n Avg Waiting Time\n %lf\n",avg/n);
        printf("\n Avg Turn-Around Time\n %lf\n",tt/n);
        return 0;

}
```