```c
#include <stdio.h>
int main() {
    int n=3, at[]={0,1,2}, bt[]={5,4,3}, qt=2;
    int temp[3], wt=0, tat=0, time=0, rem=n, i=0;
    for(i=0;i<n;i++) temp[i]=bt[i];
    printf("P\tBT\tTAT\tWT\n");
    i=0;
    while(rem>0){
        if(temp[i]>0){
            if(temp[i]<=qt){ time+=temp[i]; temp[i]=0; rem--; }
            else { temp[i]-=qt; time+=qt; }
            if(temp[i]==0){
                printf("P%d\t%d\t%d\t%d\n", i+1, bt[i], time-at[i],
                    time-at[i]-bt[i]);
                wt+=time-at[i]-bt[i]; tat+=time-at[i];
            }
        }
        i=(i+1)%n;
    }
    printf("\nAvg WT=%.2f\nAvg TAT=%.2f\n", (float)wt/n, (float)tat/n
        );
}
```

```
P   BT  TAT WT
P2  4   9   5
P3  3   9   6
P1  5   12  7

Avg WT=6.00
Avg TAT=10.00


=== Code Execution Successful ===
```