```c
#include <stdio.h>
int main() {
    int bt[] = {6, 8, 7}, n = 3, wt[3], tat[3], i;
    float avgwt = 0, avgtat = 0;
    wt[0] = 0;
    for (i = 1; i < n; i++) wt[i] = wt[i-1] + bt[i-1];
    for (i = 0; i < n; i++) {
        tat[i] = wt[i] + bt[i];
        avgwt += wt[i]; avgtat += tat[i];
    }
    printf("P\tBT\tWT\tTAT\n");
    for (i = 0; i < n; i++)
        printf("P%d\t%d\t%d\t%d\n", i+1, bt[i], wt[i], tat[i]);
    printf("\nAverage WT = %.2f\nAverage TAT = %.2f\n", avgwt/n,
        avgtat/n);
}
```

```
P    BT   WT   TAT
P1   6    0    6
P2   8    6    14
P3   7    14   21

Average WT = 6.67
Average TAT = 13.67


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