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#include <stdio.h>

void sjf_non_preemptive(int processes[], int n, int burst_time[])
{
    int waiting_time[n], turnaround_time[n];
    waiting_time[0] = 0;

    for (int i = 1; i < n; i++)
    {
        waiting_time[i] = 0;
        for (int j = 0; j < i; j++)
            waiting_time[i] += burst_time[j];
    }

    for (int i = 0; i < n; i++)
        turnaround_time[i] = burst_time[i] + waiting_time[i];

    printf("Process\tBurst Time\tWaiting Time\tTurnaround Time\n");
    for (int i = 0; i < n; i++)
        printf("%d\t%d\t%d\t%d\n", processes[i], burst_time[i], waiting_time[i], turnaround_time[i]);
}

int main()
{
    int n;
    printf("Enter the number of processes:");
    scanf("%d", &n);

    int processes[n];
    int burst_time[n];
    printf("Enter the burst time for each process:\n");
    for (int i = 0; i < n; i++)
    {
        printf("Process %d: ", i + 1);
        scanf("%d", &burst_time[i]);
        processes[i] = i + 1;
    }

    sjf_non_preemptive(processes, n, burst_time);

    return 0;
}

```