

The screenshot displays the Programiz Online C Compiler website. The browser's address bar shows "programiz.com". The page header includes navigation links like "Online C Compiler", "Google", and "C Program for Shortest Job First...". A banner at the top asks "LOOKING TO LEARN PROGRAMMING?" with a button for "Interactive C Course".

In the main editor area, a C program named "main.c" is shown. It implements a shortest burst time scheduling algorithm:

```
#include<stdio.h>

int main() {
    int time, burst_time[10], at[10], sum_burst_time = 0, smallest, n, i;
    int sumt = 0, sumw = 0;
    printf("enter the no of processes : ");
    scanf("%d", &n);
    for (i = 0; i < n; i++) {
        printf("the arrival time for process P%d : ", i + 1);
        scanf("%d", &at[i]);
        printf("the burst time for process P%d : ", i + 1);
        scanf("%d", &burst_time[i]);
        sum_burst_time += burst_time[i];
    }
    burst_time[9] = 9999;
    for (time = 0; time < sum_burst_time;) {
        smallest = 9;
        for (i = 0; i < n; i++) {
            if (at[i] <= time && burst_time[i] > 0 && burst_time[i] <
                burst_time[smallest])
                smallest = i;
        }
        printf("P[%d]\t|\t%d\t|\t%d\n", smallest + 1, time + burst_time[smallest] -
            at[smallest], time - at[smallest]);
        sumt += time + burst_time[smallest] - at[smallest];
        sumw += time - at[smallest];
        time += burst_time[smallest];
    }
```

The output section shows the results of the program execution:

```
/tmp/mYgPKDSomZ.o
enter the no of processes : 4
the arrival time for process P1 : 0
the burst time for process P1 : 5
the arrival time for process P2 : 1
the burst time for process P2 : 3
the arrival time for process P3 : 2
the burst time for process P3 : 3
the arrival time for process P4 : 4
the burst time for process P4 : 1
P[1] | 5 | 0
P[4] | 2 | 1
P[2] | 8 | 5
P[3] | 10 | 7

average waiting time = 3.250000
average turnaround time = 6.250000
```

The bottom of the image shows a macOS dock with various application icons.

The image shows a web browser window with the Programiz online C compiler. The browser's address bar shows 'programiz.com'. The page has a header with navigation links and a main banner that says 'LOOKING TO LEARN PROGRAMMING? Start your programming journey with Programiz AT NO COST.' and 'Interactive C Course'. The compiler interface is divided into two main sections: a code editor on the left and an output window on the right. The code editor shows a C program named 'main.c' that calculates the average waiting and turnaround times for four processes. The output window shows the execution results, including the arrival and burst times for each process and the calculated average waiting time (3.250000) and average turnaround time (6.250000). The browser's status bar at the bottom shows the system clock as 'Thu 4 May 11:46 AM' and the battery level at 43%.