Experiment-4

#include <stdio.h>

int main() {

int n, bt[20], wt = 0, tt = 0, i, j, temp;

printf("Enter no. of processes & burst times:\n");

scanf("%d", &n);

for (i = 0; i < n; i++) scanf("%d", &bt[i]);

for (i = 0; i < n - 1; i++) for (j = 0; j < n - i - 1; j++)

if (bt[j] > bt[j + 1]) { temp = bt[j]; bt[j] = bt[j + 1]; bt[j + 1] = temp; }

printf("\nProcess\tWT\tTT\n");

for (i = 0; i < n; i++) {

tt += wt + bt[i];

printf("P%d\t%d\t%d\n", i + 1, wt, wt + bt[i]);

wt += bt[i];

}

printf("\nAvg WT: %.2f\nAvg TT: %.2f\n", (float)(wt - bt[n - 1]) / n, (float)tt / n);

return 0;

}