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RR.java
class RR
    //Method to find the waiting time for all
//processes
    static void findWaitingTime(int processes[], int n,
                                int bt[], int wt[], int quantum)
// Make a copy of burst times bt[] to store remaining
// burst times.
        int rem bt[] = new int[n];
        for (int i = 0 ; i < n ; i++)
            rem bt[i] = bt[i];
        int t = 0; // Current time
// Keep traversing processes in round robin manner
// until all of them are not done.
        while(true)
            boolean done = true;
// Traverse all processes one by one repeatedly
            for (int i = 0; i < n; i++)
                // If burst time of a process is greater than 0
                // then only need to process further
                if (rem bt[i] > 0)
                {
                    done = false; // There is a pending process
                    if (rem bt[i] > quantum)
                        // Increase the value of t i.e. shows
                        // how much time a process has been processed
                        t += quantum;
                        // Decrease the burst time of current process
                        // by quantum
                        rem_bt[i] -= quantum;
                    }
                    // If burst time is smaller than or equal to
                    // quantum. Last cycle for this process
                    else
                        // Increase the value of t i.e. shows
                        // how much time a process has been processed
                        t = t + rem bt[i];
                        // Waiting time is current time minus time
                        // used by this process
                        wt[i] = t - bt[i];
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// As the process gets fully executed
                    // make its remaining burst time = 0
                    rem bt[i] = 0;
                }
           }
        }
        // If all processes are done
        if (done == true)
            break;
    }
}
// Method to calculate turn around time
static void findTurnAroundTime(int processes[], int n,
                               int bt[], int wt[], int tat[])
{
    // calculating turn around time by adding
    // bt[i] + wt[i]
    for (int i = 0; i < n; i++)
       tat[i] = bt[i] + wt[i];
}
// Method to calculate average time
void findavgTime(int processes[], int n, int bt[],
                 int quantum)
{
    int wt[] = new int[n], tat[] = new int[n];
    int total wt = 0, total tat = 0;
    // Function to find waiting time of all processes
    findWaitingTime(processes, n, bt, wt, quantum);
    // Function to find turn around time for all processes
    findTurnAroundTime(processes, n, bt, wt, tat);
    // Display processes along with all details
    System.out.println("Processes " + " Burst time " +
            " Waiting time " + " Turn around time");
    // Calculate total waiting time and total turn
    // around time
    for (int i=0; i<n; i++)
        total wt = total wt + wt[i];
        total tat = total tat + tat[i];
        System.out.println(" " + (i+1) + "\t" + bt[i] +"\t" +
                wt[i] +"\t\t " + tat[i]);
    System.out.println("Average waiting time = " +
            (float)total wt / (float)n);
    System.out.println("Average turn around time = " +
            (float)total_tat / (float)n);
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}