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Project Classes Debug
                       Untitled1.cpp
                            #include<stdio.h>
                            #include<comio.h>
                            int main()
                        5 1
                                // initialize the variable name
                        7
                                int i, NOP, sum=0,count=0, y, quant, wt=0, tat=0, at[10], bt[10], temp[10];
                                float avg wt, avg tat;
                        9
                                printf(" Total number of process in the system: ");
                       10
                                scanf("%d", &NOP);
                       11
                                y = NOP; // Assign the number of process to variable y
                       12
                       13
                            // Use for loop to enter the details of the process like Arrival time and the Burst Time
                       14
                           for(i=0; i<NOP; i++)
                       15 - {
                       16 | printf("\n Enter the Arrival and Burst time of the Process[%d]\n", i+1);
                       17
                            printf(" Arrival time is: \t"); // Accept arrival time
                       18
                            scanf("%d", &at[i]);
                            printf(" \nBurst time is: \t"); // Accept the Burst time
                            scanf("%d", &bt[i]);
                            temp[i] = bt[i]; // store the burst time in temp array
                       22
                       23
                           // Accept the Time qunat
                       24
                            printf("Enter the Time Quantum for the process: \t");
                           scanf("%d", &quant);
                            // Display the process No. burst time, Turn Around Time and the waiting time
                       27
                            printf("\n Process No \t\t Burst Time \t\t TAT \t\t Waiting Time ");
                       28
                            for(sum=0, i = 0; y!=0; )
                       29 1 (
                           if(temp[i] <= quant && temp[i] > 0) // define the conditions
                       30
                       31 日 (
                       32
                                sum = sum + temp[i];
                       33
                                temp[i] = 0;
                                count=1;
                       34
                       35
                       36
                                else if(temp[i] > θ)
                       37 🖃
                       38
                                    temp[i] = temp[i] - quant;
                       39
                                    sum = sum + quant;
                       40
                                 if(temp[i]==0 && count==1)
                       41
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30 If(temp[i] <= quant && temp[i] > 0) // define the conditions
                      31日(
                      32
                               sum = sum + temp[i];
                      33
                               temp[i] = 0;
                      34
                               count=1;
                      35
                      36
                               else if(temp[i] > 0)
                      37日
                      38
                                   temp[i] = temp[i] - quant;
                      39
                                   sum - sum + quant;
                      40
                      41
                               if(temp[i]==0 && count==1)
                      42 🖯
                      43
                                   y--; //decrement the process no.
                      44
                                   printf("\nProcess No[%d] \t\t %d\t\t\t %d\t\t\t %d", i+1, bt[i], sum-at[i], sum-at[i]-bt[i]);
                      45
                                   wt = wt+sum-at[i]-bt[i];
                      46
                                   tat = tat+sum-at[i];
                      47
                                   count -0;
                      48
                      49
                                if(i==NOP-1)
                      50 🖂
                      51
                                   i-0;
                      52
                      53
                                else if(at[i+1]<=sum)
                      54 🗏
                      55
                                   1++3
                      56
                      57
                                else
                      58 🖹
                      59
                                   1-0;
                       60
                      61
                           // represents the average waiting time and Turn Around time
                       62
                       63
                            avg wt = wt * 1.0/NOP;
                            avg_tat = tat * 1.0/NOP;
                           printf("\n Average Turn Around Time: \t%f", avg wt);
                           printf("\n Average Waiting Time: \t%f", avg_tat);
                            getch();
                       67
                       68 L
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                                                                            Done parsing in 0.016 seconds
                                    Lines: 68
                                                 Length: 2059
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