```
burst_time[i-1] + wait_time[i-1]; return 0;
int turnaroundtime( int proc[], int n, int burst_time[],
int wait_time[], int tat[]) {
   for ( i = 0; i < n ; i++) tat[i] = burst_time[i] +
             return 0;
wait time[i];
                                                 int
int avgtime( int proc[], int n, int burst_time[]) {
wait_time[n], tat[n], total_wt = 0, total_tat = 0;
   int i;
  waitingtime(proc, n, burst_time, wait_time);
turnaroundtime(proc, n, burst_time, wait_time, tat);
printf("Processes Burst Waiting Turn around \n");
   total_tat = total_tat + tat[i];
wait time[i];
printf(" %d\t %d\t\t %d \t%d\n", i+1, burst_time[i],
wait_time[i], tat[i]); }
  printf("Average waiting time = %f\n", (float)total_wt /
(float)n); printf("Average turn around time = %f\n",
(float)total tat / (float)n);
                           return 0;
int main() { int proc[] = \{1, 2, 3\}; int n = sizeof
proc / sizeof proc[0]; int burst_time[] = {5, 8, 12};
avgtime(proc, n, burst_time);
  return 0;
```

int waitingtime(int proc[], int n, int burst_time[], int

#include <stdio.h>



CODE OUTPUT

Processes Burst Waiting Turn around 1 5 0 5 2 8 5 13 3 12 13 25 Average waiting time = 6.000000

Average turn around time = 14.333333

lejasvi Kukreti 20052108 Algorithm START Set Wait_time[0]-0 Loop for ?= 1 and ikn and it+ Set wait - Home [i] about the [i-1] + wait- time [i-1] End for Stept In function ent waiting time (int proci), into, int burst - time [7], Port wait - Home [7] Kep: In function intournaround time (Int. proc [], into, int burst - time[] Walt time [] int test [] Loop for i= o and i<n and i++ Set tat [i] = burst_time [i]+wait_time [i] End For In function it augtine (int proc(], int n, int bound time[] Declare and Intialize wait-time [n], tat (n) total at=0 total - tat =0; Call waiting thus (proc, n, buest-time, waiting - time) (all two naround time (poor, n, burst-time, waiting, tat) Loop For ?=0 and PKn and P++ Set total- Dt - total - W+ + wort-time [:] set total -wt = total -tat + tat [i] Print Podess number, burst time wait time and turnaround time End Fox Point "Average worting time = 1.e total-wt/n Print "Average turn account time = 1.0, total -tat /n

Declare the Popul But proc[] = 51,2,33

Declare and Poitfalize m = Size of proc [size of proc (o)

Declare and Initialize bound attent [] = \$10,5,83

(all augline (proc, m, bound attent)

Stop