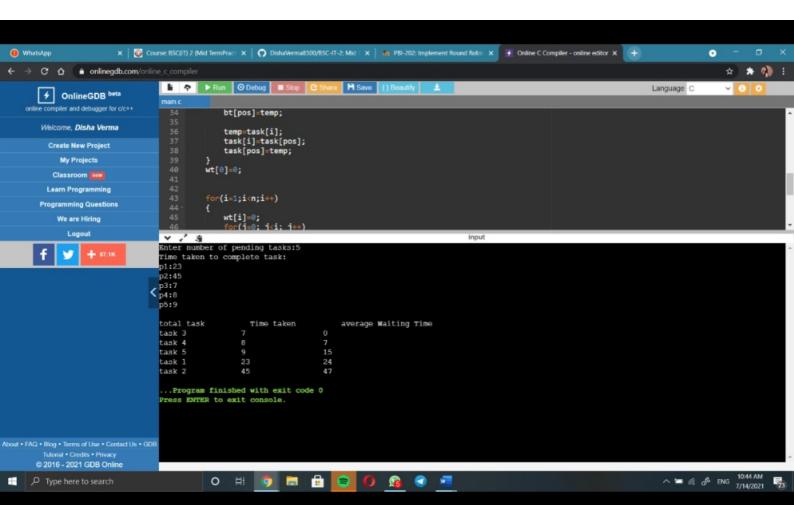
```
Nami-Disha Verma
Student 10 - 20052122
Roll no - 2023115
Section - 'B'
subject - Mid Term Practical (OS)
 Date - 14/July /21
    # Include / Stdio : h>
    vold main ()
    int bt [20], task[20], mt [20], i, j, n, total = 0,
      pos, time ,
  float aug-nt, aug-tat;
   points ("Enter number of pending tasks");
   scanf (" %d", fn);
  printf ("Time Taken to complete tasks: \n");
     for (i = 0; i < n; i++)
       printf ("prod:", i+1);
      scanf (" " d", Lbt [i];
task [i] = i+1;
     $ = ci = 0 , 7 < n; i++)
     2 pos= ;
       Fer (J=1; j(n; j++)
        E le (Strj] < Strpos])
              Pas=j;
```

```
Lemp = bt [ "];
   bt [i] = bt [pas];
  bt [pas] = tury;
  temp = task til;
  tasklije task tpos J;
   talk[pas] = tury;
nut [0] = 0;
 for (i=1; i<n; i++)
ş
 ntli] = 03
for (j=0; j<2; j++)
  wt [ist bt [j])
  total += mt ci];
 total = 0;
printf ("In total tack + Time Taken It average waiting
      Time $");
 for (i=0; (<n; i++)
  printf ("In talk %.dit It %.d it It It", task [1],
   HIII, wt [1];
```

Dishaplema 14/7/21



Name - Disha Verma Student 1D - 2005 2122 Rell no - 2023115 Subject os mid 1 cm Practical Date - 14/July /21 (1) # include < stdio h>
include < conio h> verd main () int i, Nov, sum = 0, count = 0, y, quant = 4, wt = 0, text = 0, bt[10], temp[10], at [10]; float ang -wt, ang-tat; points ("Total number of visitors:"); Scarf ("%d", INOV); y=NOV; for (1=0, i < NOV; 1++) and time stayed of printf ("Enter the Arrival Time voiter [%d] \n", 1+1); printf (" Arrival Time is: \n"); scanf ("%d", & at [1]); print ("time stayed 1s: In"); cranf ("%d", + st [°]); temp [i] = bt Ci];

3

Dishalana July 21

```
print (" In Visitor ItIt TAT ItIt waiting Time");
for sun=0, ?=0; y!=0;)
if temp I'll < n = quant for temp [i] >0)
Sum = sum + temp [ i];
 temp [:] = 0;
count = 1;
else 'if (templi) >0)
 temp [i] = temp [i] = quant;
  sum = sum + quant;
if tang [i] == 0:4 & count == 1)
  print ("Invisitor No [%d])tlt%d)tlt/t/
          eti, sun-attij, sum-attij-bttij);
        nut + sum - at ["] - bt [i];
  tat = tat + sum - at [i];
   court = 0;
    ( i = = NoV -1)
     1=0
     if (at [i+1) <= sum)
    1++;
   i = 0;
```

aug-uit = wt * 1.0/NoV;

Printf ("In Awage waiting Time visitor waited in que:

1t % f", aug wt);

getch ();

Bisha Jany 121

