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Subject :- operating system
code :- PBI 202.

Ans -1. int frag [20], block [20], process [20]
int i, a j,

Ans. 1. #include <stdio.h>

int main ()
{

    int frag [10], block [10], process[10];
    int a, b, b_number, p_number;
    int temp, toop = 0;
    Static int b_arr [10], pro_arr [10];

printf ("In Enter the Number of block : ");
canf ("%.d", & block b_number);
rintf ("Enter the Number of Process");
an f ("%.d", & p_number)
intf ("Enter size of the block : ");
(a = 0; a < b_number; a++)

    { print f (" block No [%d]"; a + 1);
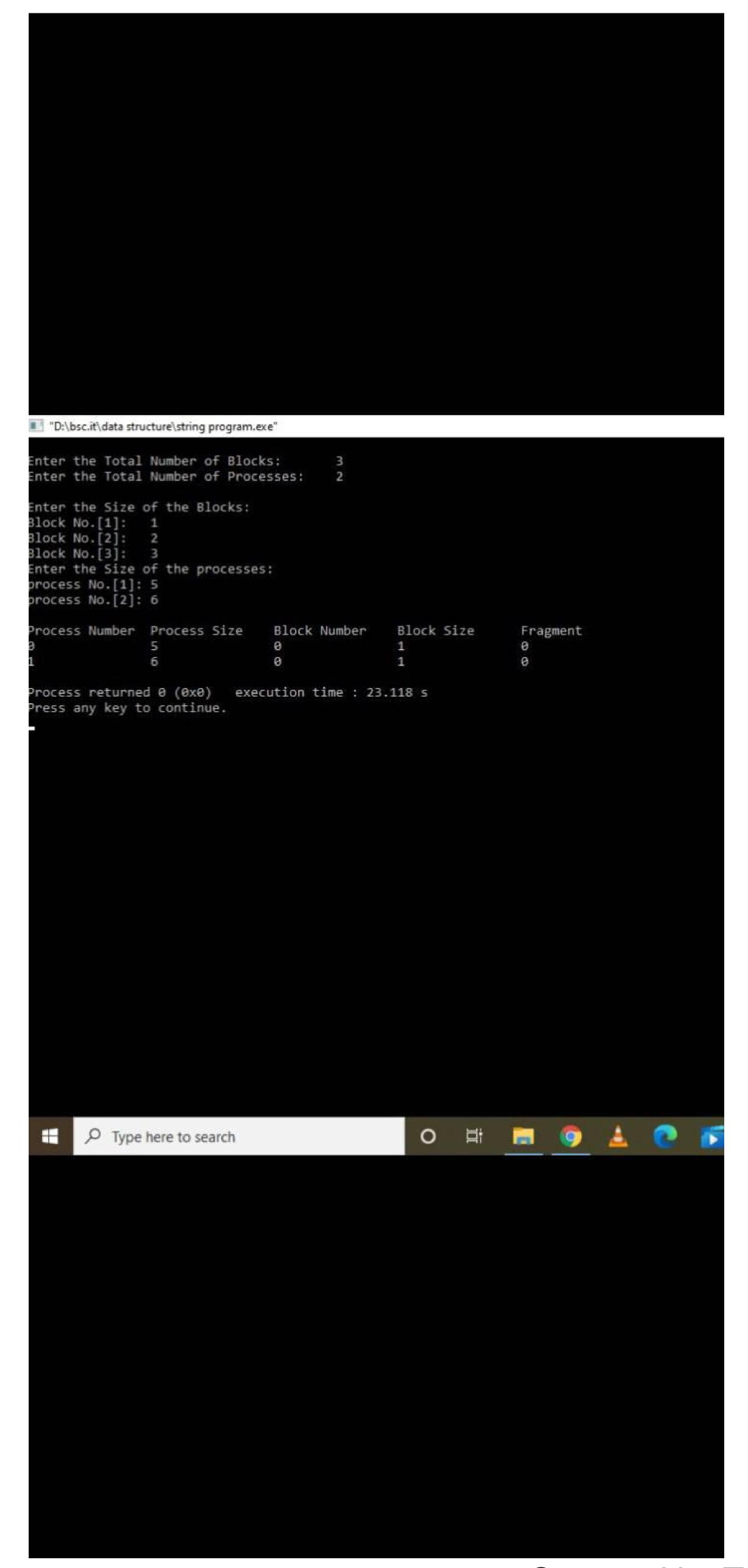   scanf ("%.d", & block [a]);

    }

tf ("Enter the size of the Processes :In");

for (a = 0; a < block_number; a++)
{
    Printf (" Process No.[%d] :, a +1);
    scanf ("%.d", & process [m]);
}

```c
For(a = 0 ; a < p number ; a++)
  {  for (b = 0; b < p number ; b++)
       {  if (block_arr[b] != 1)
          { temp = block [b] - process[a] ; if (temp>=0)
            {  if (toop < temp)
               {  process p_arr[a] = b;
                      toop = temp;
               }

            }

          }

         Frag[a] = toop
         block_arr [p_arr[a]] = 1;
         toop = 0;
         block to b_arr[p_arr[a]] = 1;
         toop = 0;

       }
  }

printf ("/n Process Number /t Process size/t block number /t
         block size/t fragment");

for(a = 0; a < p_number ; a++)
  { printf("/n %d \t/+/.d\t/+/.d/t/+/.d", a, process[a],
                                    p_arr[a], block_process_
                                    block[p_arr[a], frag[a]);

  }
printf(" /n");
return 0;
}.
```

```
Enter the Total Number of Blocks:      3
Enter the Total Number of Processes:   2

Enter the Size of the Blocks:
Block No.[1]:   1
Block No.[2]:   2
Block No.[3]:   3
Enter the Size of the processes:
process No.[1]: 5
process No.[2]: 6

Process Number   Process Size    Block Number    Block Size    Fragment
0                5               0               1             0
1                6               0               1             0

Process returned 0 (0x0)    execution time : 23.118 s
Press any key to continue.
```