

Graphic Era Hill University, Dehradun
(Answer Sheet for Online Examination Aug. 2021)

Please tick (✓) your campus: (DEHRADUN/BHIMTAL/HALDWANI)

Name: Saurabh Sharma Univ. Roll No. 2023096 Student ID 20051006
Date: 27/8/21 Course: Bsc. IT Branch: D. DUN Sem.: 2nd Section: B
Subject Name: OS Practical Subject Code: PBI-202 Page No. 1

Answer 1 :-

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
#define max
```

```
int main ()
```

```
{
```

```
    int frag[10], blocks[10], process[10];
```

```
    int m, n, block-number, process-number, temp, top=0;
```

```
    static int block-arr[10], process-arr[10];
```

```
    printf("In Enter the Total Numbers of Blocks: |t");  
    scanf("%d", &block-number);
```

```
    printf("Enter the Total Numbers of Processes: |t");  
    scanf("%d", &process-number);
```

```
    printf("In Enter the size of the Blocks |n");
```

```
    for (m=0 ; m < block-number ; m++)
```

```
{
```

```
        printf("Block NO. [%d]: |t", m+1);
```

```
        scanf("%d", &blocks[m]);
```

```
}
```

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Signature of Student

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~~Print~~
printf("Enter the size of the processes:\n");

for (m=0; m<process-number; m++)

{

printf("Process No. [%d]:\t", m+1);

scanf("%d", &processes[m]);

}

for (m=0; m<process-number; m++)

{

for (n=0; n<process-number; n++)

{

if (block-arr[n] != 1)

{

temp = blocks[n] - process[m];

if (-temp >= 0)

{

if (top < -temp)

{

process-arr[m] = n;

top = -temp;

}

}

}

frag[m] = top;

Saurabh
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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]: 4
process No.[2]: 5

Process Number	Process Size	Block Number	Block Size	Fragment
0	4	0	1	0
1	5	0	1	0

Process returned 0 (0x0) execution time : 49.150 s
Press any key to continue.