Name - Abhay Suman
University R.no - 2023011
Student id - 20051065
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Abhay

Q1.

```
#include <stdio.h>
int main()
{
    int fragments[10] blocks[10], files[10];
    int m, n, number_of_blocks, number_of_files, temp, top=0;
    Static int block_arr[10], file_arr[10];
    printf("\nEnter the Total number of blocks\t");
    Scanf("%d", &number_of_blocks);
    Printf("Enter the Total Number of files:\t");
    Scanf("%d", &number_of_files);
    Printf("\nEnter the size of Blocks\n");
    for(m=0; m<number_of_blocks; m++)
    {
        printf("Enter the size of the files\n");
        for(m=0; m<number_of_files:\n");
        printf("Block No.[%d]:\t", m+1);
        Scanf("%d", &blocks[m]);
    }
    printf("Enter the Size of the files:\n");
    for(m=0; m<number_of_files; m++)
```

```
printf ("\n file Number \t file Size \t Block Number \t Block Size
        \t Fragment");

for (m = 0; m < number_of_files; m++)

{
  printf ("\n %d \t \t %d \t \t %d \t \t %d \t \t %d", m,
        files[m], file_arr[m], blocks[file_arr[m]], fragments[m]);

      }
  printf ("\n");

   return 0;

}.
```

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```
printf ("\n file Number \t file Size \t Block Number \t Block Size
        \t Fragment");

for (m = 0; m < number_of_files; m++)

{
  printf ("\n %d \t \t %d \t \t %d \t \t %d \t \t %d", m,
        files[m], file_arr[m], blocks[file_arr[m]], fragments[m]);

      }
  printf ("\n");

   return 0;

}.
```

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

Enter the Size of the Blocks:
Block No.[1]:   5
Block No.[2]:   2
Block No.[3]:   7
Enter the Size of the Files:
File No.[1]:    1
File No.[2]:    4

File Number     File Size       Block Number    Block Size      Fragment
0               1               2               7               6
1               4               0               5               0


...Program finished with exit code 0
Press ENTER to exit console.
```