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Sub Name:- Operating System
Sub Code:- PBI-202

Univ Roll no- 2023057

Date - 27/8/22

Date - 21/11/17
Course - BSCIT Sec - A

Sem :- 2

Page No - 2

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

```
printf ("|n|t|t|t Memory Management" - worst fit);
```

```
int i, j, nblocks, nfiles, temp, top = 0;
```

```
int i, j, nblocks,
int frag [10], blocks [10], files [10];
```

Static int block arr[10], file - arr [10];
Total Number of Bl

```
static int block arr[10], file - an (10);  
printf("\n Enter the Total Number of Blocks: ");  
scanf("%d", &nblocks);
```

Scarf ("I. d", 2 blocks);

```
scanf("%i", &n);  
printf("Enter the size of the Blocks : ");  
for (i = 0; i < n; i++)
```

```
for (i=0; i < nblocks; i++)
```

```

    print f("Block No. %d: %s", i+1);
    // blocks[i]);

```

print f(block
scanf("%d", &blocks[i]));

```

}
printf("Enter the size of the Files: \n");
while(i < nfiles; i++)

```

```
for (i=0; i<nfiles; i++)
```

```

    printf ("File NO. %d : %s", i+1);
    printf (" iles[i]");
}

```

scanf ("%f", &files[i]);

```
for (i=0; i<nfiles; i++)
```

Malsh

Memory Management - Worst Fit

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

PS C:\Users\hp\c programming\operating system> █