```
        Memory Management Scheme - Worst Fit
Enter the number of blocks:3
Enter the number of files:2

Enter the size of the blocks:-
Block 1:5
Block 2:2
Block 3:7
Enter the size of the files :-
File 1:1
File 2:4

File_no:        File_size :     Block_no:       Block_size:     Fragement
1               1               3               7               6
2               4               1               5               1_
```

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Q1

```
include <stdio.h>
int main()
{
printf ("\n\t\t\t Memory Management"
 -Worst fit");
int i, j, nblocks, nfiles, temp, top = 0;
int farg[10], blocks[10], files[10];
printf("\n Enter the Total Number \n\n of Blocks:");
scanf ("%d", &nblocks);
printf ("Enter the Total Number \n\n of files:");
 scanf ("%d", &nfiles);
printf ("\nEnter the size of the
Blocks : \n");
for(i=0; i <nblocks; i++)
{
```

27/8/2021

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```
printf("Block No.%d:\t", i+1);
scanf("%d", &blocks[i]);
}
Printf("File No.%d:\t", i+1);
Scanf("%d", &files[i]);
}
for(i=0; i<nfiles; i++)
{
for(j=0; j<nblocks; j++)
{
if(block_arr[j] != 1)
{
temp = blocks[j] - file[i];
if(temp >= 0)
{
if(top < temp)
{
file_arr[i] = j;
top = temp;
}
}
}
```

27/8/2021

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```
frag[i] = bf;
block_arr[file_arr[i]] = i;
bf = 0;
}
}
printf("\nFile Number \t File
Size \t" Block Number \t Block
Size \t Fragment");
for (i = 0; < nfiles; i++)
{
"printf ("\n%d\t\t%d\t\t%d\t\t%d\t\t%d
, i, files[i]
file_arr[i], blocks[file_arr[i]], frag[i]);
}
printf("\n");
return 0;
}
```

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