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Question-1) Coading.

```
#include <stdio.h>
#include <conio.h>
#  define max 25
  void main()
  {
  int
frag[max], b[max], f[max], i, j, nb, nf, temp, highest=0;
static int bf[max], ff[max];
clscr();
printf("\n\t Memory Mangement scheme Worst fit");
printf("\n Enter the number of blocks :");
scanf("%d", &nf);
printf("\n Enter the size of the blocks :-\n");
for(i=1; i< nb; i++){printf("Block %d:", i); scanf("%
  d", &b[i]);}
 printf("Enter the size of the files :-\n");
  for(i=1; i<=nf; i++){printf("File %d:", i); scanf
   ("%d", &f[i]);}

  for(i=1; i<=nf; i++)
  {
  for(j=1; j<=nb; j++)
  {
```

```
if(bf[j]!=1) // if bf[j] is not allocated
{
temp = b[j]-f[i];
if (temp >=0)
if (highest < temp)
{
 ff[i]=j;
highest = temp;
}
}
}
frag[i]= highest;
bf[ff[i]]=1;
highest =0;
}
printf("\nfile_no:\tfile_size
:\tBlock_no:\tBlock_size:\tfragement");
for(i=1;i<=nf;i++)
printf("\n%d\t\t%d\t\t%d\t\t%d\t\t%d",
i,f[i],ff[i],b[ff],frag[i]);
getch();
}
```

Khushinder

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

er the size of the blocks:-
ck 1:5
ck 2:2
ck 3:7
er the size of the files :-
e 1:1
e 2:4

le_no:        File_size :     Block_no:       Block_size:     Fragement
              1               3               7               6
              4               1               5               1
```