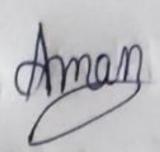
```
Name- Alman Singh
Uni. Roll no - 2023026
Styl TD 2005000
Std ID - 20051032
Subject - Operating System
```



```
Ans1>
   #include <stdio.h>
    int main()
                 int fragments [10], blocks[10], fi'les[10];
        int m,n, number - of - blocks, number of files,
            temp, top = 0;
         Static int block_arr[10], file_arr[10];
        Printf ("In Enter the Total number of Blocks: \t");
       Scanf("%d", & number-of-blocks);
       Printf ("Enter the Total number of files: It");
       Scanf ("% d', & number - of - files);
      Brintf ("In Enter the Size of the Blocks: In");
        For (m=0; m< number-of-blocks;
          m++
```

```
NORTH - STEP
                          3508 505 - or 1104 in
Paintf ("Block No. [%d]: It", m+1);
Scanf ("% of d", & blocks [m]);
Printf ("Enter the size of the files: \n");
 For(m=0; mchumber-of-files; m++)
                            (minni ta)
  Bantf ("File No. Colod): \t", m+1);
  Scanf ("% d', & files [m]);
for(m=0; m<number-of-files; m++)
  for (n=0; nchomber-of-blocks; n++)
     & if (block_asr[n]!=1)
 temp = blocks [n] - files [m];
 if (temp>=0)
     & while to interest to and and
        if (top < temp)
```

```
file - axx [m] = h;
         top = temp;
 Fragments [m] = top;
  block-axx[file-axx[m]]=1;
      top = 0;
Printf ("In file Number It file
Size | t block Number | t block Size | t fragment");
 for (m=0; m < nomber _ ef-files; m++)
   Printf("\nº/od/t/t.\to/od/t.\to/od/t.\to/od
        \t/to/od", m, files[m], file-arr[m],
  blocks [file-arr [m]), fragments [m]);
    Print + (" \n");
      netwon 0;
```

```
Enter the Total Number of Blocks:
Enter the Total Number of Files:
Enter the Size of the Blocks:
   Block No.[1]:
S; r+Block No.[2]: 2
   Block No.[3]: 7
f_bloEnter the Size of the Files:
   File No.[1]:
   File No.[2]:
ks[n]
                                                  Block Size
   File Number
                   File Size
                                  Block Number
                                                                 Fragment
p \in t1
file
Process exited after 64.39 seconds with return value 0
   Press any key to continue . . .
Clas
```

C: Users AmanSenpai Documents\os.exe