

```
1 #include<stdio.h>
2 #include<conio.h>
3 #include<stdlib.h>
4 int main()
5 {
6     int f[50], i, st, len, j, c, k, count = 0;
7     for(i=0;i<50;i++)
8         f[i]=0;
9     printf("Files Allocated are : \n");
10    x : count=0;
11    printf("Enter starting block and length of files: ");
12    scanf("%d%d", &st,&len);
13    for(k=st;k<=(st+len);k++)
14        if(f[k]==0)
15            count++;
16    if(len==count)
17    {
18        for(j=st;j<=(st+len);j++)
19            if(f[j]==0)
20            {
21                f[j]=1;
22                printf("%d\t%d\n",j,f[j]);
23            }
24        if(j!=(st+len-1))
25            printf("The file is allocated to disk\n");
26    }
27    else
```

Abort Compilation

Compilation results...

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- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ELLAYYA\OneDrive\Desktop\sequential file allocation.exe
- Output Size: 120.798828125 KiB
- Compilation Time: 0.63s
```

```
Files Allocated are :
Enter starting block and length of files: 3
1
3      1
The file is allocated to disk
Do you want to enter more file(Yes - 1/No - 0)4
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Process exited after 8.43 seconds with return value 0
Press any key to continue . . .
```