

```

#include<stdio.h>

#include<conio.h>

#include<stdlib.h>

int main()

{

int f[50], i, a,st, len, j, c, k, count = 0;

for(i=0;i<50;i++)

f[i]=0;

printf("Files Allocated are : \n");

scanf("%d",&a);

x : count=0;

printf("Enter starting block and length of files: ");

scanf("%d%d", &st,&len);

for(k=st;k<(st+len);k++)

if(f[k]==0)

count++;

if(len==count)

{

for(j=st;j<(st+len);j++)

if(f[j]==0)

{

f[j]=1;

printf("%d\t%d\n",j,f[j]);

}

if(j!=(st+len-1))

printf("The file is allocated to disk\n");

}

else

printf("The file is not allocated \n");

printf("Do you want to enter more file(Yes - 1/No - 0)");

scanf("%d", &c);

```

```
if(c==1)
goto x;
else
exit(0);
getch();
}
```