

```
#include<stdio.h>
#include<string.h>
```

```
struct file
{
    char name[10];
    int num,start;
} a[20];
```

```
void main()
{
    int n,i,j;
    char nam[10];
    printf("Enter the no. of files: ");
    scanf("%d",&n);
    for(i=0;i<n;i++)
    {
        printf("\nEnter the name of file %d: ",i+1);
        scanf("%s",a[i].name);
        printf("Enter the starting block of file %s: ",a[i].name);
        scanf("%d",&a[i].start);
        printf("Enter the no. of blocks in file %s: ",a[i].name);
        scanf("%d",&a[i].num);
    }
    printf("\nEnter the name of file to be searched: ");
    scanf("%s",nam);
    for(i=0;i<n;i++)
        if(strcmp(nam,a[i].name)==0)
            break;
    printf("\nFile Name\tStart Block\tNo. of Blocks\tBlocks Occupied\n");
    printf("%s\t\t%d\t\t%d\t\t",a[i].name,a[i].start,a[i].num);
    for(j=0;j<a[i].num;j++)
        printf("%d ",a[i].start++);
    printf("\n");
}
```