

```

#include <stdio.h>

#include <stdlib.h>

void main()
{
    int f[50], i, st, len, j, c, k, count = 0;

    for (i = 0; i < 50; i++) f[i] = 0;

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

```