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| **Ex.No:15.c** | **FILE ALLOCATION STRATEGIES** |
| **INDEXED** |

# AIM:

To write a C program for random access file for processing the employee details.

# ALGORITHM:

Step-1: Start the program.

Step-2: Get the number of records user want to store in the system.

Step-3: Using Standard Library function open the file to write the data into the file. Step-4: Store the entered information in the system.

Step-5: Using do..While statement and switch case to create the options such as 1-DISPLAY, 2.SEARCH, 3.EXIT.

Step-6: Close the file using fclose() function. Step-7: Process it and display the result.

Step-8: Stop the program.

# PROGRAM:

#include

int f[50],i,k,j,inde[50],n,c,count=0,p; main()

{

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

x:

printf("enter index block\t"); scanf("%d",&p);

if(f[p]==0)

{ f[p]=1;

printf("enter no of files on index\t"); scanf("%d",&n);

}

else

{

printf("Block already allocated\n"); goto x;

}

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

scanf("%d",&inde[i]); for(i=0;i<n;i++) if(f[inde[i]]==1)

{

printf("Block already allocated"); goto x;

}

for(j=0;j<n;j++) f[inde[j]]=1; printf("\n allocated");

printf("\n file indexed"); for(k=0;k<n;k++)

printf("\n %d->%d:%d",p,inde[k],f[inde[k]]); printf(" Enter 1 to enter more files and 0 to exit\t"); scanf("%d",&c);

if(c==1) goto x; else exit();

getch();

}