Ex. No.: 10b)
Date: 12/4/25

FIRST FIT

Aim:

To write a C program for implementation memory allocation methods for fixed partition using first fit.

Algorithm:

1. Define the max as 25.

- 2: Declare the variable frag[max],b[max],f[max],i,j,nb,nf,temp, highest=0, bf[max],ff[max]. 3: Get the number of blocks,files,size of the blocks using for loop.
- 4: In for loop check bf[j]!=1, if so temp=b[j]-f[i]

5: Check highest

Program Code:

include < eldeo. h > # define more 25 int racin () & int foragimancs, besonancs, fimancs, i, j, nb, nf static ent loftmax3, ff EmaxJ; pount ("Forter member of Olocks: scanf ("%d", &nb); perint (" Einter number of files: "); sconf ("%d", &nf); point (" In Enter sig of each block: \n"). pount ("Block %d: ", i+1); Iscard ("%d", &b [i 5); print ("\n=nter sine of each file:\n"); peor (i = 0; i < nf; i +4)? peint ("File %d: ", i+1); grant ("%d", 8f?i3); gon (i=0., i < of; i++) { feer(j=0; j<nb; j++){ if CGT 53==088 b5; J>=f8:3) 8 HEis=j; forag [i] = b[i] - f[i]; of 63 = 1; Greak; \$ (j==nb) { USiJ=-

Sample Output:

Result:

C paragran for inflementation of Food Fit Memory allocation has been executed successfully.