**WORST-FIT**

#include<stdio.h>

#define max 25

int main()

{  printf("\nVishakha Sable");

    printf("\nRoll No.:51");

int frag[max],b[max],f[max],i,j,nb,nf,temp;

static int bf[max],ff[max];

printf("\n\tMemory Management Scheme - First Fit");

printf("\nEnter the number of blocks:");

scanf("%d",&nb);

printf("Enter the number of files:");

scanf("%d",&nf);

printf("\nEnter the size of the blocks:-\n");

for(i=1;i<=nb;i++)

{ printf("Block %d:",i);

scanf("%d",&b[i]);

}

printf("Enter the size of the files :-\n");

for(i=1;i<=nf;i++)

{ printf("File %d:",i);

scanf("%d",&f[i]);

}

for(i=1;i<=nf;i++)

{

 for(j=1;j<=nb;j++)

 {

if(bf[j]!=1)

 {

temp=b[j]-f[i];

if(temp>=0)

 {

ff[i]=j;

break;

 }

 }

 }

frag[i]=temp;

bf[ff[i]]=1;

}

printf("\nFile\_no:\tFile\_size :\tBlock\_no:\tBlock\_size:\tFragement");

for(i=1;i<=nf;i++)

printf("\n%d\t\t%d\t\t%d\t\t%d\t\t%d",i,f[i],ff[i],b[ff[i]],frag[i]);

}

**OUTPUT:**

