Name: Dung Singh Bhendari Nau nolluo: 2023035 Cou Cowel: BSc. IT Sec: A Sign: Sum-9-1 Worst Fit Meway Management Scheme prin clude XStdio. h> #define max 25 cut main () intfrag[max], b[max], f[max], i, j, ub, uf, temp, high est =0; Static cut of [max], ff [max]; Print & ("In It Neway Management Scheme-Worst Fit"); Printf ("In Enter the number of blocks: "); Scanf (" ofod", Lub); Printf ("Enter the number of tiles:"); Scanf (" % od", Luf); Printf (" \ u Enter the size of the blocks: - \u"); tor (i=1; iz=nb; i++). & printf ("Block ofod:",i); Scanf (" o/od", 4 b[i]); }

Name: Day Singh nolluo: 2023035 Bhoudari Cowsel: BSc. IT Sign: Sungprintf ("Enter the size of the files: - \u"); tor (i=1; i == nf; i++) & printf ("file % d:", i); Scanf ("% d', & f[i]); } for (i=1; i=uf; i++) for (j=1; j == ub; j++) if (bf [j]!=1) // if bf [j] is not allocated temp = b[j]-f[i];

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

if (temp > = 0)

if (highest ztemp)

{
thighest = temp;

g

trag [i] = highest;

Vuiv , 2023035 Name: Day Singh Bhond ari Cowist: BSCIT Sigui. Desb+[ff[i]]=1 13 14 19 3 (++3) FA = 23 highest = 0; Printf (" In file _ no: It file _ size: It Block _ no: It Block - Size: It fragement"); for (i= 1; i == uf; i++) Printf (" In % d \ t \ t % d \ It % d", i, f[i], ff[i], b [ff[i]], trag[i]); Outwen 0;

Memory Management Scheme - Worst Fit
nter the number of blocks:3
nter the number of files:2
nter the size of the blocks:lock 1:5
lock 2:2
lock 3:7
nter the size of the files :ile 1:1
ile 2:4

..Program finished with exit code 0 ress ENTER to exit console.

ile_no:

Name: Anny Singh Chie ... 2023355

Bhendari Sec: A

Sign: Ay!

12#include Xstdio. 4> # circlade XStd lib. 4> int main () Eint RQ[100], i, j, u, Total Head Moment=0, civial. , size, morre; Printf ("Enter the number of Requests \u"); Scant ("o/od", &n); mint ("Enter the Requests sequence tu"); for (i=0; izn; i++) Scarf (" % d", & RQ[i]); Prints ("Enter intial head position ("); scarf ("god", & intial); Printf ("Enter total disk size ["); Scenf ("0/0 d", 4 sizi); Prints ("Enter the head movement direction for high I and for low Olu"); Scanf ("%d", & MONE);

vollue: 2023035 11 Jogic for Scan disk Scheduling /* Logic for · Sort the negrest waray */ tor (i = Ojizuji++) ξ $for (j=0; j' \leq u-i-1; j++)$ it (RQ [j] 0> RQ [j+1]) ¿ int temp; temp=RQ[j]; RQ[j] = RQ[j+1]; ent index; ton (i=0; izu; i++)

Valluo: 2023035 Name: And Single Chardan Sec: - A 1 18025 Course: BSaIT Sign: - All if (intral < RQ[i]) break; Carrol = KELLEL; Wit movement is toward high value if (more==1) tor (i=index; i zu; i++) Total Head Moment - Pot al Head Moment + abs (RQ[i]-intial); cutial = RQ [i]; Il dast movement for max size Total Head Monnet alHead Moment + abs Csizi - RQ [i-1]-1);

New: Singh Blandari Voll 2 2023035 Course: BSc. IS Sec: A Sign: A1ential = size - 1; for (i = index - 1; i = 0; i -) Total Head Moment = Total Head Moment tabs. (RQ Ei] - intial); Entral = RQ [i]; N'et movement is toward dow value else for (i = index - 1; i > = 0; i -)Total Head Moment = Total Head Moment + abs (RQ [i] - intral); cutial = RQ[i]; 11 last movement for min Size Total Head Woment = Total Head Moment + Moment abs (RQ [i+1]-0);

Name: - Duj Singh nollwo! 2073035 Bhandari Course: BSc. IT Sign: Aug for (i = index; izu; i++) Total Head Moment = Total Head Mount +abs (RQ[i] - citial); c'uttal = RQ Ei]; Print of ("Total head movement is % d", Total Head Moment); outcom O;

```
nter the Requests sequence
2 26 24 4 42 8 50
tter initial head position
1
tter total disk size
30
nter the head movement direction for high 1 and for low 0
stal head movement is 74
rocess exited after 394 seconds with return value 0
ress any key to continue . . .
```