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weet 8
   pergras a c program to cimulate the following
   configors memory allocation techniques.
  @worstfit @bert fit @ I'vet yet.
   #include < stdfo. h}
   # define MAX 25.
   void fertfet (ent nb, ent nt, int b(), ent f()){
        int frag (max), b+(max) = {o}, ff [max] = foy.
        int i, i, temp;
        for Cin=1; i <= nf; i++)[
              for(j=1;j<=nb;j++){
                    if (bf (1) 1=1) {
                         temp = b(j) -+ (i);
                           if (temp>=0) ?
                               (i) = j:
                                trag (i) = temp;
                                of (i)=1;
                                breat;
Print C' in Memory management Scheme - first fithil
 printf("File_no It File Site: It Block_no It fragment in");
  for (i=1 ; i <= of; i++ ) {
            privite(4.1.d HIT. 1.9 HIT);
            it (tf[i) 1=0) {
                   printf("/dltlt./dltlt./dltlt./dln")
                            ((1) to (1) +1) or (1) +6
```

```
printf ("Not Allocated In ");
who
            butfit But nb, int nt, int b[7, int f[7] {
            int trag [max], bf (max) = 203, ff(max) = 203;
            int i, j, temp, lowest = 10000;
= 904
            for ( i=1; i <= nf; i+) {
                for (je ) jeznb ; jt+) {
                i+Cb+(j) !=1)X
                          temp = b(i) -f(i) ;
                         it (temp >= 0 44 lowet > temp) {
                                ( = Ci) ++
                                lowert stemp;
                3
               trag [i] 2 lowest;
                bf[ff[1]]=1;
                10000 ;
     Mintf ("In Memory Management Scheme - Bett Fith");
    printf( a File No It File size It Block No It Block size
           It Fragment In "/;
      for Ci=1; i <= nf; i++ ){
              printf(". /d It It · /d It It", 1, f(1));
         3(0=1(i)77) ti
                     printf (" . 1.d It It . 1.d HIt 1d In")
);
                        ++[i], b(++[i]), tray(i);
         Zelse E
                    Sulca allocation );
```

```
3 3 3
 void worstfil (int no, int mt, int b(), int f())
       int frag(max), bf(max) = fog, ft(max)=fog;
      int i, i, temp, highest =0;
      for @= 2 ; i <= mf; i++) f
           for ( j=1 ; j <= nb; i+) &
                 A( t=1(1)+1)+
                     temp = 6[i] - f[i];
it (temp >= 0 44 wightstemp)
                         il=Ci) at
                          highet = temp;
         grate town
        frag (i) = highert;
         b+ (++(i)) = 2;
        highest = 0;
  4
 printf (" In Memory Management theme - worth
 printf( offile-no: It File-size to Block-no: It Block-nie
        It Fragment In 4);
 tor(i=1; i <= mt; i++){
 printf("10d It It 11d H It", i, +(i));
       3 (0= 1 (1)1+)+
              printf(" , halt It , halt 1/d It ",
                    4f [i], b[+1(i), frag(i));
```

```
The f mot Allocated in");
id main () E
   Ent b(max), + (max), nb, ont;
    printf("In Futu no. 3 670cts (n");
    scant (4.1,d", anb);
   printf(" in title no. 9 file in");
    scaret (". 2d", 4nt);
   printf("m Eutu site og blocks in");
   for (int := 2 ; i == n b; i++ ) &
      print+ (" Block 1.d 1", i) }
    seant (" .1.d", 4b[i));
   print (" Futu the size of file In");
   for ( ( M := ? ; i = n + ; i+1 ) {
        printf ( u File 1/00 ", i);
        scant(" hd", 4+(i));
   Ent bITMAX), bo (MAX), bs (MAX);
   for (int i=1; i = nb; i++) f
   b1(i) = b(1);
       ((i)d = (i)cd
 (Cild = Ci78d
first fit (nb, nf, bi, f);
 bed Rit (nb, nt, b2, t);
 ( toord pat (nb, nt, bo, t);
```

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Outpr	d:			
Futu	No. 8 Hocks	: 6		
Futu	No. 3 Hocks	: 4		
Portu	aire z blocks	:		
	D: 200			
	E 3 : 600	(DAME) 7 CAR	and the	
	£ 4 2 500			
	FL: 300			
	C 6 : 200	T. S. W. D. S. D.	Name .	
	the rie & tile			
	1;357		1 " Imos	
	1 ; 210	49 12 11 18	124	
File	5: 468 M	4	twi Dank	
C:1,	1' 00			
Memory	management s	clume - first	the Forest	-
Cilo No	: file-site	Block no.		Fragit
	357	2		45
2	210	3	600	890
4	468	4	100	32.
	49)	Not Allowated	ning.	
Memory management scheme - Bed Fit.				
File No	. File site	Blockn	Black re	Fragrad
1	553	XAMT 26 (XA	400	43
2	210	de C	210	40
3	468	4	500	32
4	491	3	600	190
Memory	management	shame - Word	EST,	emid
File-No	FIL OH	BlockNo.	Blocket	Fragil
1	357	3	600	
2	210	4	100	296
3	468		d) Hallen	
4	491		d	
		TOO HELOSO		