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Ques 1 Problem Statement Write a c program to implement Piret fit algorithm.

Coole

Include / Stolio. h > Int Masn () 9ut 68ize [10], psize [10], bno, pno, flags [10], allocation [10], ?, j; fur (1=0; 1210; 9++) flags [i] = 0; allocation [1] = -1; prontf (" Enter no. of blocks: "); Scarf ("/2d", f bro); poent ("In Enter 87ze of cach block: "); for (1=0; 1 2 bno; 1++) Scarf ("1.d", 4 58ize[i]); Pount (" \n Enter 10. of powcesses:"); Scanf (" /.d", 4 pno); pount (" 11 Given Size of each powcess:"); for (1=0; 12 pno; 1++) Scanf (" 1-d", + psize[i]); for (i=0; ic pno; i++) // allocation of per first fit for (j=0; j < buo; j++) If (flags [j] == 0 +4 besize [j] > = psize [i]) Akansha Sundriya!

```
allocation [j] = 1;
   flags [j] = 1;
    break;
Il display allocation de tail 8
pointf ("In Block no. I trize It | process no. It Itsize");
fur (i = 0; i < buo; i++)
  printf ("In % d It It / d It It", i+1, brize [1]);
  If (fly [1] == 1)
     perint ("/d /t /t /t /d", allocation [1]+1, prize
               [ allocation [:]]);
      else
      perint (" Not allocated");
                                 Akanglia Sundanya
```

```
Enter no. of blocks: 5
Enter size of each block: 2
Enter no. of processes: 3
Enter size of each process: 2
Block no.
          size
                                              size
                    process no.
                      Not allocated
                           Not allocated
```

Process exited after 19.45 seconds with return value 0
Press any key to continue . . .