Name! - Neelan practical! - Operating system (PB1202) Course! - Bacit Section! - 4 ROUNO!- 2023069 Student id! - 2005 2049 91. # include < stolio. h> # Include < stalib.h >. # include = maths >. Char \* read-like (); Char + B(Chou +); Char# m ( char#); Chan \* \* Strmo (chart); Put plut (char\*); int min\_Ago (fut customens\_rows, int customens\_columns gint\* Outlomers) & Prut main () andle to make a Lack Control of well FILE \* fiptor = fopen (get ("Output-path"), "h"); fut n = p-infl8 (ml read-line ()1)); "nut \* customers = malloc (n \* size of (int\*)); for (int i=0; ic n; i+t)& \* (Customens + i) = malloc (2\* (8/20 of (int))); Char \*\* Customers\_item\_temp = storing (macread-Imed));

```
for (inj = 0; y(2; j++){.
     Put customers_"tem = p_int (*(customers_"item_temptj));
    *(*(Castomers + i) +j) = Castomers _ "Hem";
 Put result = notation min-Aug (n,2/Customers),
  fprintf (fptr, "xd/n", resurt);
 fclose (fph);
                                               ( (* 1000 ) + 100 ()
 refuno;
                                             Charles I'll Charles),
                                            chart the style of the style
Chart read_ (me() &
  Size -t alloc_length = 1024;
Size -t data-length =0;
                                               ((*unto)) the day
  Chart data = malloc (alloc -length);
While (+) &.

Chart cursor = data +data_ length;

Chart line = fgets (cursor) alloc length - data_length, Stdin);
    break',
                             11-6001, (d) & Juli. 9 7 11-101
   data length to strien Courson;
  If C data - length calloc -length -111 data length -1]= = "In)
  alloc - longth <<= >;
  data : de alloc (data, alloc - length);
```

```
if (Idata) &
   data = 1/0/
 Felse &
    data = realloc (data data length +1);
 if (!data) &
       data = '10';
    felse &
       data [data-lengthi]="10"}
   heturn data;
  Char # & (Chart str) &
 "if (! # stor) &
       refunn Str;
  while (*8tr !='\0'ff isspace(*8tr)){
  Chart @ m(Chart shor) &.
  of (1+st) &
      retur str;
    g Char * end = str tstr lenCstr)-1;
    while (end >= str ffisspace (rend) {
      * (end+1)='/0';
         refun stri
```

```
Char ** String (char & Str) &
    Chart # Splits = NULL')
  Char # topen = Strtok (str," ");
 "the spaces=0)
while (token) &
Spollts = realloc (splits, $120 of (chart) ++ spaces);
  16 ( splins) &
     tetur sperts;
 3 Splito [ spaces - 1] = token;
    tofcen = Strtok (NULL, "");
     retursplits;
  "int p-"int (char * str) &
      chart end ph ;
       Put value = str tol ( str, fendptr, 10);
   1+ (endph===str 11 * endphr!='10') &
     ent (EXIT-PAITURE);
    refurn value ;
                                      spectamusain 22 8) 2021
```