Mame + Knitika Ramat Course + BSC. IT Sections A Student Id. > 20052021 Uni. Rou. No 3 2023 063 aus 1 Aug - # Puchude (stdio.h) # include < ctype.h7 # include < limits. h7 # Probable (math. h) Hindlede (stdboot. h) #indude < stddef. h> # Endude (stdin. h) #include (stdlib.h) H Puchede & string . h> chark readline (); chart . Itim (chart); chart othin (chark); Put passe_ Put (chart); int main () { Fue* fpter = fopen (geten ("Output_PATH"), "w"); int n = pause int (Itrim (strim (scadline ()))); Put * * eightomers = malloc(n* size of (i'ut*)); for (ent i=0; i(n; i++) { * (customers +i) = malloc (2* (size of (int))); Charke customery_ item - temp = split - string (statum (readin)) for (int j=0; j<2; j++) E int customers_ item = poke_int (*(customers. item temptj)); pourte

((customers + i) + j) = customers item; j} ent result = menimen Average (n, 2, customery); thring (ffts, "/d/n", result); felosi (ffter); enotion o; Chark readline () & bize-t alloc length = 1024; size-t data length = 0; chart data = malloc (alloc_length); autile (toue) ¿ chant cursor = data + data length; chart line = fgets (cursor, allox-length data-length, ef (! time) & break; } if (data_length < alloc-length - 1//data [data_length_4)= =(n'){ break; } alloc_leigth < \ = 1; dota = selloc (data, alloc length); if (! data) data = 6/0/3 break; if (data (data length I) == (m)) { data [data length-1] = "10"; }

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else
 ( data = nealloc (data, data-length + 1);
 if (!data)
 { date = 6/0!;
  I else?
 data [data length] = "10";
 section data
chark itrim (chark str)
} if (! sto) {
return (10);
if (1*str) {
seturn sto;
 velier (*sto1 =1/0) && (48pace (*str)) {
str ++;
gesturn stoj
chark strim (chark str) &
if (! str) j
section (10)
il (!*str) {
return str;
chart ind =sto + stolen (sto)-1;
while (ind 7= str && iss space (*end) {
```

Keitiks

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end -- ; }
x (end +1) = (10);
outurn stee;
charx & spirto = NULL'
Chaux token = stotok (str, " );
int spaces = 0;
while (token) &
splits = seelloc (splits, size of (chark) * + + 8 pares);
et (!splits) {
section splits;
specito [spaces-1] = token;
token = stotok (NULL, " 17);
secturen splits,
isst paren int (chare * sto) {
char * end pter;
ent value = stotal (str, lendptr, 10);
if (endptor == str11 * endptor !='(0)) $
   evet (EXIT_FAILURE);
  sution value;
```