```
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 20052088.
 BSC 1T.
ques 1.
    # include <stdo.h7.
      I include < ctype. h7
      # include < limits h)
     # include < math. h?
    # include < std.boot.h >
    # include < St-ddef. h7
   # include < stdin.h7
   # include <stdlib.h)
   # include < string. h)
  chan * readline ();
  Chan * Itnim (chan *);
 Chan * retrim (chan *);
 ent parse_int (char *);
 int main ()
¿ File * fetr = jopen (geten ("Output - PATH"), "w");
  int n = parse - int ( Itrim [ retnim ( read line ())));
  int ** customers = malloe (n * size of (int *));
 for ( unt 1=0; i < n; i++).
 of * (customers + i) = malloc (2* (rice of (int)));
 chan ** customers_ item-temp = split-string[rtrium[readlind])
 for (int j = 0; j < 2; j++)
 s int customers _ item = parse_int ( * Customers_item.
   temp + j ));
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(( customers + i)+j) = customers - item; 39
Int result = minimum Average (n, 2, customers);
tprintf (fptr, "/d\n", result/j
Eclose (fft);
return 0;
char * readline () §
Lize-t alloc- Length = 1024;
                                 14 forther or many
 sive-t data length = 0;
                                  14 100 11 - 2 2/11/11
 chan * data = malloc (alloc = length);
                                 14-4971- - 77-11-11
while (true)
 & chan * cursor = data + data - Length;
  char * Line = facts (cursor, alloc - length - data - Length, stdin);
  if (! Line)
 ¿ break; 3.
if(data - Length < alloc - Length -11) data [data - Length -1] == '\n')
                                      11299 - 1191
 & break; 3
alloc - length << = 1;
data = relloc (data, alloc - length);
                            1++1; 11-1; 11-11
 of (! data) ?
 data = (10);
 break;
if (data [data - length -1] = = (\n)) &

data [data = length -1] = (\0); 34
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data = realloc (data, data-length +1);
 of (!data)
 2 data = " \0";
 I else &
 data [data - length] = "\01;
return data;
char & Itim (char
9 if (!8tr) 2
 return (10);
  4 (: * Str) &
 return str;
while (* str!= 10) & 8 isspace (* str)) &
return str;
char * Hhim (char * str) &
4 (! 154) 9
 retur' 0;
of (!* str) &
 return str ;
chan * und = str + strlen (str) -1;
while ( and ) = 5 to 88 is space ( + end)) &
and --; 3
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* (end+1)= (\0);
return str ;
Chan ** split - string ( chan * str)
2 char * * splits = NULL;
  Chan * token - strtok (str, " ");
ent spaces = 0;
while (token) &
splits = relloc (splits, sine of (chan *) * + + spaces);
4 (! splits) 2
 neturn splits;
 splits [spaces -1] = token;
 token = strtok (NULL, 60 99);
 retur splits;
 int panse - int (char + str) &
 Char * endpti;
 ud value = strtol (str, & endeptr, 10);
 If [ und ptr = = str/1 + endptr! = (10)
 2 exit (EXIT - FAILURE);
 return value;
```

Scanned by TapScanner