```
Name - Ashish Panwas

Course - B.Sc. [IT]

Section - 'A'

University Roll No. - 2023039

Semestes - 2nd

Subject - PBI - 202
```

```
# include < assent. h>
   # include < ctype.h>
   # include < limits.h>
   # include < math. h>
  # include < stdbool.h>
  #include < Stodef. h>
  # include < stdint.h>
  # include < Stdio. h>
  # include < stdlib.h>
  # include < string. h >
  Chas * seadline ();
  Chas * Itsim (chas *);
  Chas + strim (chas +);
  Chas + + Split_ string (chas +);
   int parse_int (chas +);
                 Spend - minimum will war all
```

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```
int minimum Average Cint customers_sours, int
Customers-columns, int * + Customers) {
Ent main ()
FILE + foto = fopen(getenv("OUTPUT_PATH"), "w");
int n = parse_int (Itsim(strim(readline ())));
"int + + customers = malloc (n + sizeof (int +));
 for Cint i=0; i<n; i++) {
   *(customers +i) = malloc(2 * (size of (int));
Chas + + Customers_item_temp = split_storing (strim
                    (seadline());
  for (int j=0; j<2; j++) {
        int customers_item = passe_int (+ customers
                 _item_temp+g));
      (ccustomeas+i)+j)=customeas_item;
 int sesult = minimum Average (n, 2, Customers);
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```

```
Fpsintf Cfpts, "% old \n", sesult);
  fclose (fplo);
  selven O;
 Char + readline () &
  Size-Lalloc-length=1024;
  size-t data-length =0;
Chas *data = mallac Calloc_length);
    while ( Love) &
       Chas * auson = data + data - length;
    chas + line = fgets Cours or, alloc_length-data-length
                           , Stdin);
        if (! line) &
          bseak;
      data_length += stolen (curson);
   if Cdata-length < alloc_length-111 data [data_
                   length-17== '\n') &
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```

```
alloc_length <<= 1;
 data = scalloc (data; alloc-length);
   if (!data) &
     data = 101;
   bseak;
  if (data [data-length-1]== 'In') & data [data_length
                  -IJ= 10;
    data= sealle (data, data-lengthi);
data=1/0';
  Felse &
    data = seallec (data, data_length +1);
      if (!dala) {
  data = 101;
     4 else &
      data Edata - length 7= 101;
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```

```
schoen data;
Chart + Isim (chart sto) &
   16(!sta) $
     Jeluan (101;
  if(!+5+x) §
     Schwin Sto;
   while (*sta!='10'lk isspace(+sta)) &
   setuin sto;
 Char + Strim (char + Str) &
  14(! Sta) $
    seturn 1/01;
  if (! +5t) {
    selven sto;
   Char + end = Sto + Stolen(Sto)-1;
```

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```
while (end >= sto the isspace(+ end)) &
 * (end+1)=101;
Elwin Sto;
Char ++ Split_ String (char + Str) &
 Char + + Splits = NULL;
 Chan + Loken = Stolak (Sto, "1);
  int spaces = 0;
While (Loken) &
  Splits = sealloc Csplits, size of (char+)+++spaces);
   if (!splits) {
  4 setwen splits;
   Splits [space-1]=taken;
   Laken = statak (NULL, "1");
3 schoon splits;
  int passe-int C chas + Stale
 char + endpts;
intralue=stated (sta, 2 end pta (5, 10);
```

if Cendpto == sto 11 + endpto!="10'&

exit (Exit ExIT_FAILURE);

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selven value;

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