```
PERIZ - ELEMBNT (A)
```

[[1+1]4 < [1]4 OND [1-1]4 < [1]4 OND (1-(4)+91) < 2 OND (2) 1 MADILED (I'N RAMPE (UEN (A)):

PETURY C : [1+1] 4 < [1] 4 and 0==1

LETURY (

RETURN TIMO PERT PLEMENTI

Ex. 1.2

LOWBERDY OF 1.1 SAWS 384 SI 3845 PLEOPITHM BUT WITH GMCEXITY O(LOUM): 350 ISYON 3FLANI (W) (W)

120 PM 15_BAK (A, SNAT, EMD):

IT STAT IT BYD:

TF SNA 210.

IF ALSTATU A [SNA +]

PETURY STAT

PENAN -Y

ELLE 5 MAN - 1 CAN(A):

IF P[509] > A [SMAY -Y]:

PETURY SNAT

PENAN -1

18FT_DES = 15_ PERIL (A, 5) DAT, END -4)

IF LGFY_PRS != -7:

DETURN LEFT_DES

MIHT_ RES = 15- PEANZ (A, END+4, (LEN (A)-4))

F UNA _ RES ! = -1:

RETURN PIFFT - DES

T

1921 - 124 17 518 - 1287 PETURY -1 B3 157 SAN 1130

> PBTZRN "10 PBB12 BUSMENN" PG = 18-PEAL (A, O, (VEN/A)-4) PETURN PES

601N7-BANGSHPS(B):

FOR I IN DANNE (LEN(C)): C[i] = [FANSE] * LEN(B)

VERTIGITION 20

FOR 17 IN RAMPE (16N(0[0])): SNATE I FILSE

m IN DANGE (USN (B)):

STATE = FOLSE 8[n][m] == 'o';

EUSE:

STATE = Paule

HOM3/07=0 FOR M IN DANGE (USINGS)); SMIR = FALSE

1F .8 [m] [m] = = 10"; 17 401 (1903)

SME = FALSE

ELIP B[v][m]=='x' AND C[v][m]==FALSE:

PETURN VERTICAL FOR + HOW ? FOR

Dx. 22

C MIXBAMO O((n.m)+(m.n)) = 0 (2mm)=0 (n.m)

Ex. 3.1 ADE PRESENT IN THE ARRAY A. X-84-7 POTURY TRUE · = R 馬 BUBINEARS INSLIDE 34 ARAY B

17 DORS THAT AVOIDEM THE ELEMENTS ALPERDY FOUND. BY COMPARING BACK ECOMBAT OF B WITH ALL THE ELGABATS IN A,

sest-ase ambring

DETURNIA FALSE IF THE BUSMBUT IN B 491 NI THRESPIR TON 51 ARRAY A THE PROPERTY SHOW

0 (ven(A)) , sh(1)

MOPST-085E CARCENIA:

ALL YOU ELBMENTS OF B ARE INSIDE A

D(LEN(A) * LEN(A))

gr. 3.7 8 (re

DEF SENTER_ALLO_X (A, G):

C=[0] * LEN(A)

* TONAL=0

FOR : IN PLANTE (LEN(A)):

FOR : [F C[c]!=0:

A TONAL +=1

8) WAT = 0 = (8)

FOR LIN 9:

FOR I'N RAME (LEW(B));
PORT I'N RAME (LEW(B));

WOPST - CASE; BEST - CASE: 17 LEN (A) > LEN (B) OP (LEN (A)) 17 LEW (8) > LEW (A) 9 (LEN (B))

430 FIND-MIN- RECYANDLE (POINTS):

POINTS. 50R4()

(1) [] * LEN (POINTS)

FIND EXEMBNITS HAVE INVENTED THAN YOU SAME DOW

CIN PANGE (LEW(POINTS)): FOR J IN DANGE ([+1, LBW(POINTS]):

: [0] [2] STMIGG == [0][1] STMIGG

15mp +27

C. APPENNO (POINTS[i])

北西哥 # THEN I FIND THE SMAUEST が出れ # AHER THUS I CAN FILTER OUT HE ONES THAT ARE MONE IN A PETPLY COMBINATION COMBINATION OF SAME ROW IN MOTHER POW.