CASE ..... IN Put ..... DATE ..... SHEET No. .....

Tape To Loc Sect
Blanks 192/ ? @ Blank

Feed in tape — Set Sing'l lend mult 192

Reject leading blanks and find first FS

Ignore Second FS

Input first 3 characters (price) — Store PENCE Temporarily in ~~192~~ 320

Input next 2 characters to Acc (numbers)

Multiply Acc by 192 + Store answer in 256-319 (Cost) — (Cost) PENCE Store in 256-319 — Copy 256 back to Acc each time round & add next number of pence + put back to 256-319

Clear ~~320~~ 320

Does answer in 256 exceed £5.5.?

12'

No — Yes — Add ~~as~~ 1 to 1AS3 by using constant ~~195~~ 323

Ignore FS — Copy 1AS 3 to Acc and add 1 (from ~~195~~ 323) + put back into 1AS 3

Test for end of input ~~[illegible]~~. Is next character an open bracket?

Yes — End of input so proceed to output — Finish on Simple input / Sign Digit

No

Clear ~~192~~ 320
" ~~193~~ 321
" ~~194~~ 322
" ~~195~~ 323

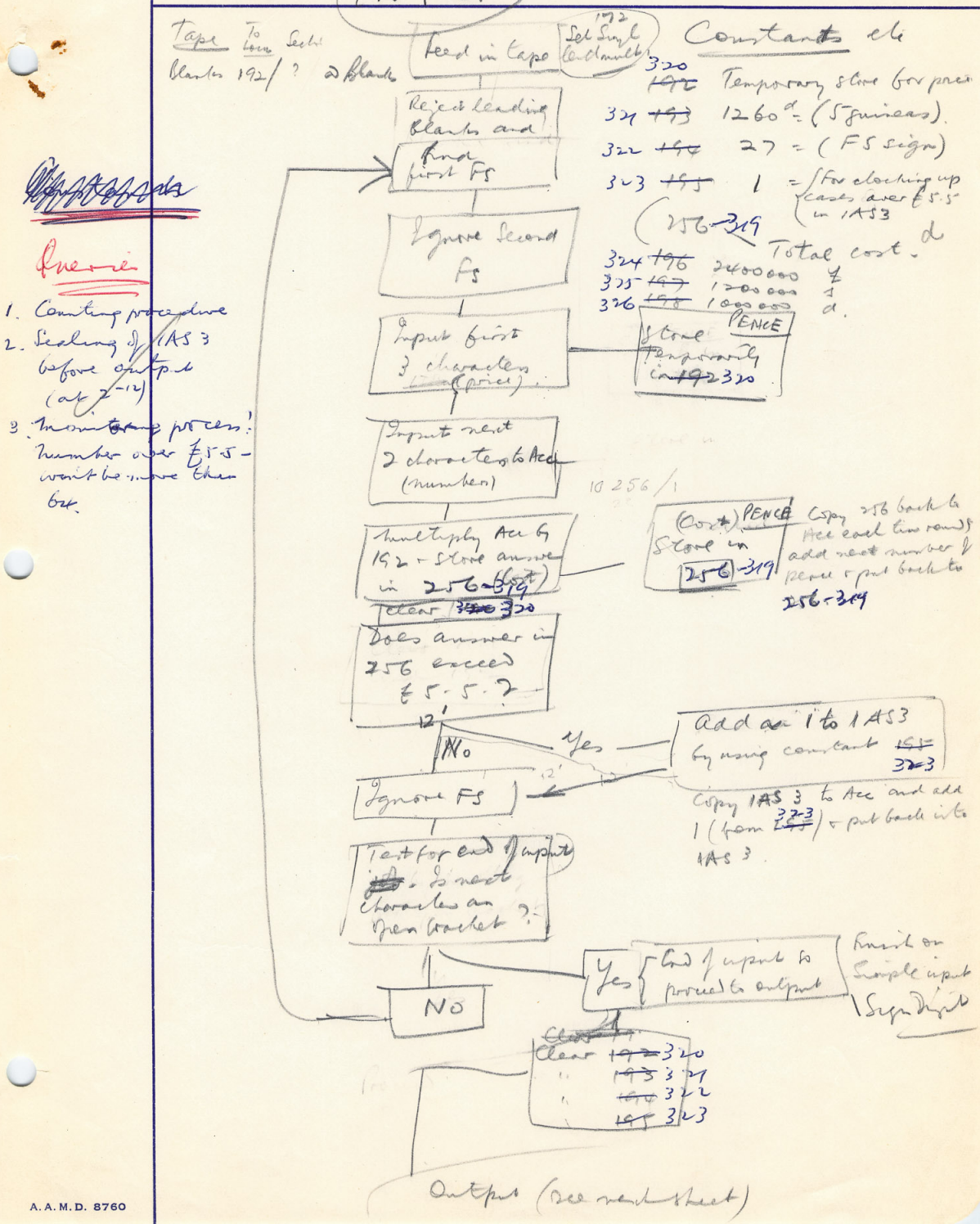
Output (see next sheet)

Constants etc

320 ~~192~~ Temporary store for price
321 ~~193~~ 1260d = (5 guineas)
322 ~~194~~ 27 = (FS sign)
323 ~~195~~ 1 = For clocking up cases over £5.5 in 1AS3

(256-319 Total cost. d
324 ~~196~~ 2400000 £
325 ~~197~~ 1200000 s
326 ~~198~~ 1000000 d.

~~[illegible]~~



Queries

1. Counting procedure
2. Sealing of 1AS 3 before output (at 2-12)
3. Monitoring process: number over £5.5 - won't be more than 64.

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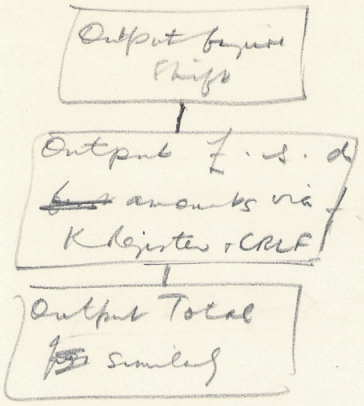
Output



256 – 319 = Pence

Total in 319 = Pence

CASE ..... DATE ..... SHEET No. .....

Assume :-

Two groups :

Group 1 Vests

Price Pence			Quantity	
~~0~~ 1	~~1~~ 1	~~7~~ Sp	1	2

11d Sp 12

Total 11/-

Group 2 Pants

Price Pence			Quantity	
1	6	8	~~0~~ 8	~~8~~ Sp

14/- 8d

Total £5-12-

~~Before inputting give 105 (Test Parity) in Second half~~
~~Input decimal integer.~~
~~Use simple input in last location (107)~~ 103 3 103 2

~~Tape unknown length. Input entire tape first before outputting~~
~~End Test. Is this a five shift or is it an open bracket~~

~~Input all items test for closed bracket~~

Then insert minus sign to word counting. Copy down by Blin when negative - stop. Before output test check?

																	End of Job
Blanks	FS	FS	~~0~~ 1	~~1~~ 1	~~1~~ Sp	1	2	FS	FS	1	6	8	~~0~~ 8	~~8~~ Sp	FS	C

Blanks will be ignored by

1 Cost per group. Gp1 multiply price by quantity 11d × 12 = 11/-
Gp2 " " " 14/- × 8 = £5.12 -

2 Total Cost of all groups

Result

Print Out		
£	s	d
	11	-
5	12	-
£6	3	-

Say 5 £ digits

→ Exceeds £5.5.. = 1

2-12
1AS3

Answer

360
5
1200
144
1344
6360
14760
144
27
36

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CASE ..... DATE ..... SHEET No. .....

Order

105

100

Requirements

1 ~~Test parity~~

2. ~~Reject blanks & find figure shift~~

3. ? ~~Ignore next figure shift~~

4 ~~Store~~

(# ~~Finish input on Simple Input ?~~

~~Store info. away as arranged~~

~~Program output print out in £ S d~~

~~(Say 5 digits of £ s.)~~

~~(Output No over £5.5 via say 114 - Output 2 decimal~~ integers (can't be more than 64).

~~Input side only. Prog Stats 128~~

~~Test parity~~

105 ~~Reject leading blanks~~ ? Count down ? 1AS1 add 1

100 ~~Find FS~~ ~~from~~

~~Ignore second~~ FS

101

103/3 ~~Input 3 character (103' 3) (Price in pence)~~

~~Store these 3 characters~~ → 11d ? ~~Then in~~ ~~2d~~ ~~Acc~~ Acc

103/2 ~~Input 2 next character (quantity) (103' 2)~~

~~Store these 2 characters~~ → 12

6' ~~Multiply 11d × 12 and store answer~~ → 11/- ~~256~~ Omo

~~Clear 1 & 2~~

~~If the answer exceeds £5.5 record a 1 in 1AS 3 (2-12)~~

~~Test for end of job (FS. Bracket) if so~~ ~~[illegible]~~ ~~Proceed to output~~ ~~of order~~

~~So back to~~

£5.5 -

= 240 ×

5

1200 +

60

1260d

Output side

~~Monitor 1AS3 contents by B line 3 prior to printing out.~~

~~Posn~~

Queries.

1. Counting procedure
2. ? Scaling of 1AS3 before output (? × 2^-12)
3. ? Monitoring of 1AS3. ? procedure. Number of over £5.5 won't be more than 64. (two decimal integers).

10°

999d × 99

99

8991

8991

98901

64

395604

593406

632966

24

2

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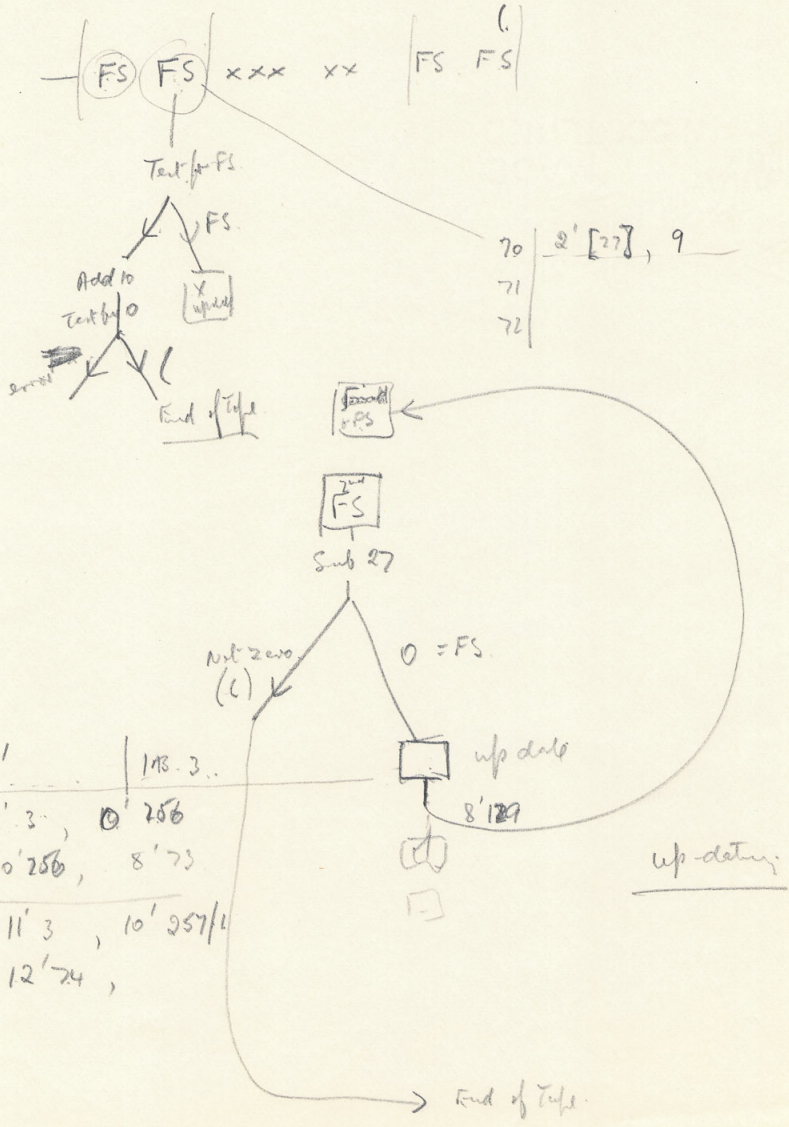
CASE ..... DATE ..... SHEET No. .....

OUTPUT

Position at Output Stage.

~~256~~ ~~Total Cost in pence~~

Aim: output each amount in £ s. d underneath each other.



0

256 - TOTAL PRICE

70) 6' | 1 AB. 3..

71) 11' 3, 0' 256

72) 10' 256, 8' 73

73) 11' 3, 10' 257/1

74) 12' 74,

up-dating

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CASE..... DATE..... SHEET No. .....

Output.

Aim : Output each amount in £.s.d underneath each other

Position.

256 – 319 = Pence
Total is 319 = Pence

Output say 5 digits of £s. ∴
Base 240

Setting for £s (5 digit) : $10^4 \times 240 \times 2^{-31}$ = 2,400,000

Setting for slops (2 digit) : $10^1 \times 12 \times 2^{-31}$ × 10^4 to line up with £s. = 1200,000

Setting for pence (2 digit) : $10^1 \times 1 \times 2^{-31}$ × 10^5 to line up with £s = 1,000,000

CASE..... DATE..... SHEET No. .....

→ Set up count in IASI to bring down 40 sectors to

→ (Bring down disc sectors 11 – 50
(One at a time) to 128 – 191)
(ie 64 words

Take each word ~~then~~ (wd in 128 first)
~~Set count for 64 words (128 – 191 to start~~
feed in tape, to up-date 128 – 191 by

Sector by Sect (64 by 64

	Dept No			Item Code			Item Quantity					Unit Cost Shillings				Unit Cost Pence				End of Dept Pends		End of Input		
Blank	(	x	x	sp	x	x	sp	x	x	x	x	sp	x	x	x	sp	x	x	sp	.88	sp	99	sp	--

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