

HONEY DEAR
EGBQE/ YOU ARE MY AFFECTIONATE HUNGER. MY DEVOTEDATSV

DARLING LOVE
YOU ARE MY AVID FELLOW FEELING. MY AFFECTION CURIOUSLY
CLINGS TO YOUR PASSIONATE WISH. MY LIKING YEARN FOR YOUR
HEART.: MY TENDER LIKING. YOU ARE MY WISTFUL SYMPATHY.
YOUR

EGB

SATSV

MANCHESTER UNIVERSITY COMPUTING MACHINE

ROUTINE

S.L

| | | | | | | | | |
|---|---|---|---|----|---|---|---|---|
| : | / | / | / | / | / | / | / | S |
| E | E | E | @ | | | | | |
| @ | @ | | | | | | | |
| C | A | A | : | | | | | |
| : | : | | | | | | | |
| : | S | | 2 | % | | | | |
| X | U | | U | T | | | | |
| T | D | | D | | | | | |
| E | R | | R | | | | | |
| e | J | | J | | | | | |
| : | N | Q | S | Q | G | | | |
| e | F | I | I | I | A | | | |
| : | C | L | L | U | T | | | |
| X | K | E | E | :M | | | | |
| T | T | X | S | T | : | | | |
| Z | Z | A | : | Z | O | | | |
| L | L | C | I | Z | Z | | | |
| T | W | n | S | Z | G | | | |
| H | H | @ | I | E | A | | | |
| E | Y | / | I | / | I | | | |
| P | P | A | : | A | Q | | | |
| @ | Q | X | L | X | V | O | | |
| O | O | A | : | Z | S | | | |
| : | B | B | A | I | E | : | | |
| X | G | J | S | P | L | | | |
| Z | " | C | I | E | T | | | |
| M | M | V | L | Z | Z | | | |
| T | X | u | u | / | X | : | | |
| V | V | / | / | / | V | | | |
| E | E | / | / | / | / | X | | |

S.R

| | | | | | | | | | | |
|---|-----|---|---|---|---|---|---|----|----|---|
| I | → | C | E | : | Y | G | / | / | DB | A |
| | | | 1 | E | 1 | : | E | / | / | L |
| | | | E | A | 1 | : | @ | / | / | W |
| | | | C | A | 1 | : | A | / | / | A |
| | | | E | A | 1 | : | : | C | / | C |
| | | | E | E | Y | G | S | U | A | 1 |
| | | | U | U | 1 | : | I | / | / | O |
| | (R) | | E | A | T | K | U | / | / | U |
| | | | D | E | 1 | : | 1 | U | 1 | 1 |
| | | | D | E | 1 | T | R | P | E | A |
| | | | C | A | 1 | : | J | P | E | Z |
| | | | E | A | 1 | : | N | U | 1 | A |
| | | | F | E | 1 | P | F | M | E | 1 |
| | | | C | E | 1 | T | C | Y | 1 | C |
| | | | K | A | Y | G | K | M | E | Y |
| | | | T | L | e | Y | T | H | M | E |
| | | | Z | V | e | Q | Z | M | E | H |
| | | | L | L | 1 | 1 | L | "A | H | B |
| | | | T | A | 1 | Q | W | / | Y | T |
| | | | H | G | E | 1 | H | P | A | Y |
| | | | E | G | U | T | Y | A | Q | D |
| | | | P | E | L | T | Z | X | E | I |
| | | | Q | E | A | N | G | I | A | Q |
| | | | O | E | 1 | M | O | B | A | Q |
| | | | B | E | 1 | P | B | / | / | P |
| | | | G | Z | E | 1 | Z | S | / | P |
| | | | " | B | e | 1 | G | S | / | |
| | | | M | B | e | 1 | V | / | / | |
| | | | T | 1 | T | 1 | V | / | / | |
| | | | X | X | T | 1 | X | W | A | X |
| | | | V | V | E | 1 | V | / | / | P |
| | | | E | E | E | 1 | M | / | / | |
| | | | | | | T | E | B | A | Q |
| | | | | | | E | Q | O | | |

ROUTINE

1. How can you be so $\begin{pmatrix} \text{cruel} \\ \text{unkind} \\ \text{brutal} \end{pmatrix}$ as

| | |
|--|---|
| $\begin{cases} \text{NOT To} \\ \text{To} \end{cases}$ | $\begin{pmatrix} \text{write to me} \\ \text{answer my letter} \\ \text{marry me} \\ \text{stop seeing that man} \end{pmatrix}$ $\begin{pmatrix} \text{Tell your mother} \\ \text{go home in a huff} \\ \text{send back my ring} \\ \text{spoil everything} \\ \text{go out with that man} \\ \text{watch me off} \end{pmatrix}$ |
|--|---|

2. You have made me feel $\begin{pmatrix} \text{very} \end{pmatrix}$

| | |
|---|---|
| $\begin{cases} \text{miserable} \\ \text{wretched} \\ \text{unhappy} \\ \text{upset} \end{cases}$ | $\begin{pmatrix} \text{on top of the world} \\ \text{like a King} \\ \text{like a giant refreshed} \\ \text{as though I were walking on air} \\ \text{in heaven} \end{pmatrix}$ |
|---|---|

3. Ever since we $\begin{pmatrix} \text{last met} \\ \text{separated} \\ \text{quarrelled} \end{pmatrix}$ I have been very $\begin{pmatrix} \text{miserable} \\ \text{wretched} \\ \text{unhappy} \\ \text{upset} \end{pmatrix}$

4. If you don't $\begin{pmatrix} \text{write to me} \\ \text{answer my letter} \\ \text{marry me} \\ \text{stop seeing that man} \\ \text{lose me any more} \\ \text{care what happens fine} \\ \text{change your mind} \\ \text{come back to me} \end{pmatrix}$ I $\begin{cases} \text{don't know what I shall do} \\ \text{shall} \end{cases}$

| |
|--|
| $\begin{pmatrix} \text{Tell your mother} \\ \text{go home in a huff} \\ \text{blow up} \\ \text{throw myself under a train} \\ \text{never speak to you again} \\ \text{go out dancing} \end{pmatrix}$ |
|--|

6. I can't (imagine
understand) why you are always (seeing that man
think going out dancing
so cold to me
playing bridge)

7. Sometimes I (think
am afraid
suspect
believe) you don't really (love me any more
care what happens to me)

8. What is it that has (spoilt everything
kept you away from me)? Can it be (that man
come between us
bridge
your mother
what I think)?

9. Do you really mean this you want {
me to (tell your mother
go home in a huff
blow up
throw myself under a train)
To (send back my ring
spoil everything
go out with that man
come back to me)}

10. (Last night)
(Yesterday)
(Just now) I (dreamt
imagined) that you were {
with me
in my arms
among my wives
sitting beside me
seeing that man
going out dancing
so cold to me
playing bridge)

11. How I { wish we were } [really] { going out dancing
hope we shall be } [only often] { together
going to meet
going out together
holding hands } { soon . }

12 You can never { imagine
understand } how { much
suspect } I { lose
believe } { passionately } you .
{ deeply
madly } { adore
need
want }

13 There is no { girl
woman } in { The universe
The world } who is nearly as { beautiful
one } { delicious
existence } { exquisite
England } { wonderful
exciting } as you .
{ charming
lovable
nice
inspiring }

4 Do I dare to ask you to { write to me
answer my letter
many more
stop seeing other men
change your mind
see tomorrow
come back to me } ?

15 { When shall I see } you { Tip tilted nose
I shall never forget } { again ?
beautiful
lovely
delicious
exquisite
wonderful
exciting
attractive
charming
lovable }

{ early last
slender waist
tapping fingers
dimpled chin
sparkling eyes }

14. My $\left\{ \begin{array}{l} \text{dearly} \\ \text{puppet} \\ \text{kneebone} \\ \text{darlings!} \end{array} \right\}$, $\left\{ \begin{array}{l} \text{(sight to desire)} \\ \text{Tip} \\ \text{bridge} \\ \text{The universe} \\ \text{The world} \\ \text{particular} \end{array} \right\}$ is $\left\{ \begin{array}{l} \text{beauty,} \\ \text{mirrable} \\ \text{without} \\ \text{wretched} \end{array} \right\}$ you $\left\{ \begin{array}{l} \text{beautiful} \\ \text{lovely} \\ \text{delicious} \\ \text{expansive} \\ \text{wonderful} \\ \text{exciting} \\ \text{attractive} \\ \text{charming} \\ \text{lovable} \end{array} \right\}$ $\left(\begin{array}{l} \text{in my arms} \\ \text{sitting beside me} \\ \text{awing my wits} \end{array} \right)$.
 Tip tilted nose
 curly hair
 slender waist
 Tapered fingers
 dimpled chin
 sparkling eyes

15. Don't $\left\{ \begin{array}{l} \text{go on (seeing that man)} \\ \text{Tell your mother} \\ \text{go home in a huff} \\ \text{send back my ring} \\ \text{spoil everything} \\ \text{switch me off} \end{array} \right\}$ or I shall $\left(\begin{array}{l} \text{blow up} \\ \text{Throw myself under a train} \\ \text{never speak to you again} \end{array} \right)$

22. [Do you remember] now $\left(\begin{array}{l} \text{beautiful} \\ \text{lovely} \\ \text{delicious} \\ \text{expansive} \\ \text{wonderful} \\ \text{exciting} \\ \text{nice} \\ \text{most sumptuous} \\ \text{inspiring} \end{array} \right)$ it was $\left[\begin{array}{l} \text{(going out dancing)} \\ \text{(going out together)} \\ \text{(holding hands)} \end{array} \right]$ [etc] $\left(\begin{array}{l} \text{(last night)} \\ \text{(yesterday)} \\ \text{(just now)} \end{array} \right)$.

24. I feel $\left(\begin{array}{l} \text{(on top of) The world.} \\ \text{like a King} \\ \text{like a giant refreshed} \\ \text{as though I were walking on air} \\ \text{in heaven} \end{array} \right)$ because I $\left(\begin{array}{l} \text{(love)} \\ \text{(adore)} \end{array} \right)$ you so $\left(\begin{array}{l} \text{(much)} \\ \text{(passionately)} \\ \text{(dearly)} \\ \text{(madly)} \end{array} \right)$.

25 All I need to be (on top of the world
like a king,
like a giant repated
as though I were wallking
in heaven) is another
beautiful
lovely
delicious
elegant
exquisite
wonderful
exciting
inspiring) like that.
day
afternoon
party

26 You (really
must admiring)
certainly are the
(sweetest
cuddliest
funniest
darlingest
most scrumptious) [title]
girl
woman
Thing
darling
puppet
king/bunch
in (the universe
the world
existence
England).

30 Thank you so much for your (tiny
letter
present) I shall (wear it next to my heart
keep it under my pillow
treasure it for ever [among my wives]
be without it
never lose)

119
Darling moppet

52
11.07
11.07

You are my seductive charm. My ardent longing breathlessly sighs for your wifelike fellow-feeling.
You are my loving ambition. Myavid affection pines for your keen desire.
You are my craving tenderness
Yours curiously

Honey sweethearts,

100 You are my passionate fancy. You are my devoted devotion. You are my dear ambition. You are my affectionate yearning. My impatient eager care for your ambition.
Yours passionately

Ace

Coded Instructions

a s o b d s r m y
1 3 5 1 3 5 5 8 1 = 32

a = {
0 Source & (s not significant)
1 delay line s position &

Present instruction no (not
printed) = p

b = {
0 Destination s (d not significant)
1 Destination Delay line d position s

r Period of Transfer - 1

m Next instruction no

y = {
1 Normal
0 Stop

Discrimination

Normal

$\frac{m}{n} \neq p+1$

Coded Init as usual

Exceptional

$\frac{m}{n} = p+1$

Coded Inst. m = 0

Next line contains m and m'

N

V

- 1 desire
 2 wish
 3 fancy
 4 like
 5 love
 6 fondness
 7 longing
 8 yearning
 9 ambition
 10 eagerness
 11 ardour
 12 appetite
 hunger
 thirst
 13 lust
 14 passion
 affection
 sympathy
 fellow-feeling
 15 tenderness
 heart
 devotion
 fervour
 enthusiasm
 16 capture
 enchantment
 infatuation
 adoration
 17 charm
 18
 19
 20
 21
 22
 23
 24
 25
 26

ADJ

- desires
 wishes
 longs for
 hopes for
 liked
 clings to
 waits
 hungers for
 thirsts for
 years for
 lusts after
 sighs for
 pines for
 pants for
 words
 attracts
 Tempts
 loves
 cares for
 is wedded to
 holds dear
 prizes
 treasures
 cherishes
 advises
 anxious
 wistful
 curious
 sedulous
 craving
 covetous
 unsatisfied
 eager
 avid
 Keen
 burning
 fervent
 ardent
 breathless
 impetuous
 loving
 lovesick
 affectionate
 Tender
 sweet
 sympathetic
 kind
 amorous
 erotic
 passionate
 devoted
 dear
 precious
 darling
 little
 lovable
 adorable
 lovely
 seductive
 winsome
 beautiful

ADV

- 3 anxiously
 2 wistfully
 3 curiously
 3 covetously
 3 eagerly
 2 avidly
 2 keenly
 3 burningly
 3 persistent
 3 ardently
 4 breathlessly
 4 impulsively
 3 lovingly
 4 affectionately
 3 Tenderly
 2 fondly
 4 passionately
 3 devotedly
 4 seductively
 3 winsomely
 4 beautifully
- INTERJ
- 2 ~~how~~ ~~dear~~
 3 darling
 2 honey
 2 jeewell
 1 pet
 2 ~~only~~ love
 2 duck
 1 ~~exp~~ ~~so~~ ~~say~~
 2 ~~sweetheart~~
- 36
 24
 66

Konkreta program

Ob. Inst.

DL 10

| | 2 | 1 | 2 | 3 | |
|----|-----------------|--|----------------|---|-----|
| 1 | 2 12 20 0 0 | 46 1 14 18 1 0 | 20 0 0 0 0 | | |
| 2 | 2 11 13 0 0 | 5 18 21 33 100 20 0 0 | | | |
| 3 | 2 2 28 14 0 1 | 25 1 10 21 35 2 12 14 3 4 36 2 12 14 3 4 | | | |
| 4 | 2 2 13 13 14 | 47 1 15 26 0 0 | | | |
| 5 | 2 16 20 0 61 | 13 1 10 14 0 1 | | | |
| 6 | 3 2 27 14 0 0 | 48 1 16 25 0 5 26 2 12 14 3 4 | | | |
| 7 | 5 2 11 1 28 0 | | | | A |
| 8 | 4 2 0 19 0 29 | 14 1 10 27 0 0 23 1 3 10 7 7 | | | B |
| 9 | 6 2 22 14 0 1 | 6 1 37 2 23 13 0 1 | | | C |
| 10 | 3 2 14 13 ? | 15 1 26 15 0 0 | | | |
| 11 | 38 3 12 26 0 9 | 16 x 1 21 25 0 0 38 2 14 12 0 1 | | | |
| 12 | 7 2 24 11 0 0 | 49 1 26 24 0 0 | | | |
| 13 | 29 2 12 24 7 5 | 17 1 10 0 0 0 11 1 2 10 0 3 | | | |
| 14 | 8 2 26 14 0 0 | 39 1 19 26 0 0 | | | |
| 15 | 10 2 26 3 1 0 | 20 1 19 26 0 0 | | | |
| 16 | 9 2 0 19 0 29 | 18 2 19 26 0 1 K | L | | K/L |
| 17 | 11 2 14 3 1 0 0 | 21 1 26 24 0 2 | | | |
| 18 | 28 2 19 0 25 | 40 1 12 17 0 0 I ⁸ | I ⁹ | | |
| 19 | 2 2 28 24 0 1 | 41 1 10 26 0 15 14 1 14 13 3 18 | | | |
| 20 | 22 2 14 13 0 0 | 30 3 26 26 0 1 41 16 0 0 0 | | | |
| 21 | 23 2 24 13 0 0 | 35 3 17 13 1 3 24 0 12 24 0 8 | | | |
| 22 | 21 2 14 26 0 0 | 39 3 17 13 1 3 24 0 12 24 0 8 | | | |
| 23 | 2 2 14 26 0 0 | 36 3 26 13 0 0 22 2 10 14 14 15 | 41' 1 3 16 0 0 | | |
| 24 | 24 2 28 14 0 0 | 31 3 17 13 0 0 17 | | | |
| 25 | 25 2 14 11 1 3 | 37 2 16 24 0 15 42 1 14 26 0 0 | | | |
| 26 | 25 2 12 14 0 0 | 32 3 3 26 0 1 " | | | |
| 27 | 15 2 12 14 0 0 | 40 3 25 13 0 1 43 1 11 18 0 0 | | | |
| 28 | 17 2 14 11 1 3 | 41 3 12 26 0 0 | | | |
| 29 | 16 2 0 19 0 29 | 33 3 17 13 0 0 44 1 16 24 0 0 | | | |
| 30 | 18 2 14 27 1 1 | 34 3 25 13 0 19 45 1 24 16 0 0 | | | |
| 31 | 26 2 12 14 0 5 | 42 2 17 13 0 8 61 | 41' 5 16 2 0 0 | | |

A52

K:KEPAKT

KVSE 11111A1

Yw

|||||

|||||TTTTTTTTTTTTT|||||
|||||J¹/₂/LL:D1R/B|||||K/NUBS@/GS@¹/₂"S@NMS@NXS@NVS@NS//:V|||||
|||||KPNECSE|||||KCFECS|||||:K/RN|||||
||STOP|||||

MANCHESTER UNIVERSITY COMPUTING MACHINE

ROUTINE

245/T

ROUTINE

| | |
|---------------|---------------|
| E | E |
| @ | A |
| A | : |
| : | S |
| S | I |
| I | U |
| U | $\frac{1}{4}$ |
| $\frac{1}{4}$ | D |
| D | F |
| F | R |
| R | J |
| J | N |
| N | F |
| F | C |
| C | K |
| K | T |
| T | Z |
| Z | L |
| L | W |
| W | H |
| H | Y |
| Y | P |
| P | Q |
| Q | O |
| O | B |
| B | G |
| G | " |
| " | M |
| M | X |
| X | V |
| V | E |

MANCHESTER UNIVERSITY COMPUTING MACHINE

ROUTINE - Toronto Scheme: Official Routine Numbers & Entries

ROUTINE

| N | / | F | C | / | K |
|---------------|---|---|---|---------------|---|
| E | | | | E | |
| @ | | | | @ | |
| A | | | | A | |
| : | | | | : | |
| S | | | | S | |
| I | | | | I | |
| U | | | | U | |
| $\frac{1}{4}$ | | | | $\frac{1}{4}$ | |
| D | | | | D | |
| R | | | | R | |
| J | | | | J | |
| N | | | | N | |
| F | | | | F | |
| C | | | | C | |
| K | | | | K | |
| T | | | | T | |
| Z | | | | Z | |
| L | | | | L | |
| W | | | | W | |
| H | | | | H | |
| Y | | | | Y | |
| P | | | | P | |
| Q | | | | Q | |
| O | | | | O | |
| B | | | | B | |
| G | | | | G | |
| " | | | | " | |
| M | | | | M | |
| X | | | | X | |
| V | | | | V | |
| E | | | | E | |

Angle

Cos h B, C

Ln F T

De sin C

Prin f t n b

Prin g k l t t

Stop S Print

Writ T P r A D

Eng print

Print p r i

Input / A

1-p r i / D

Dec sin L n b

Pr. T / A D

Dec sin T / D

Flot ips. T / B

Rot f / D

Page Print T

(S d y , D s p u)

Divis n A, B

Exponent n A

Cos f r o t

Cub i l n e p

Stop check

K / E /

Red Input/T using Input A & say in after each page Transfer

say X say = $\sim \text{N} \text{D} \text{R} \text{J} \text{L}$

$P_{\text{stop}} \rightarrow \begin{array}{l} \text{Y} \text{G} \\ \text{W} \text{S} \end{array}$ set H = 1st block (if 2 consecutive)

$\text{W} \text{D}$ & 0

(//) & G

I 1/2 & B (a) C P

(//) & G

F 1/2 & B (P) C P

(//) & G

I D & B (P) C P

(//) & G

I I & B (P) C P

(C) D G

& B (a) R 1/2

(//) & G

& B (a) C 1/2

1 : 1 $\left[\begin{array}{l} \text{W} \text{D} \\ \text{W} \text{L} \end{array} \right]$

1 : 1 $\left[\begin{array}{l} \text{W} \text{D} \\ \text{W} \text{L} \end{array} \right]$

1 P F

1 1/2 / ? s 1-p/T \rightarrow 30,1

S Y / P

Follow by K say + P_{stop} 3-4

Followed in Type & E ..

1 P F

\sim & 0 (a) R 1/2

D S & G (P) R 1/2

& B

(//) & G

& B (P) C 1/2

1 : 1 $\left[\begin{array}{l} \text{W} \text{D} \\ \text{W} \text{L} \end{array} \right]$

1 : 1 $\left[\begin{array}{l} \text{W} \text{D} \\ \text{W} \text{L} \end{array} \right]$

1 P F

1 : 1 P s \rightarrow 1-p/T

The stop = F_p

E R G & G

Q B P R V

Toronto Input

Very Input/A.

QUINPUT/T

K 1/2 /

P 1/2 /

N / D /

P 1/2 /

N / R /

P 1/2 /

N / I /

P 1/2 /

N / N /

extra /

N / R 2

extra /

X / N / P

K 1/2 /

K P D /

K R /

K I /

AT stop 16 set H = (a) 11

P 1/2 /

P 3 /

P 4 /

P 4 /

P 4 /

E N

STOP

MANCHESTER UNIVERSITY COMPUTING MACHINE

ROUTINE

ROUTINE

SET H=(X) //

| | K / N / | K / F R | | | / |
|-------------|-------------------|---------|-----|---|---|
| N → | J / G / M N & O F | D S Q G | L | E | |
| " N / Z E | V N & B | @ | | @ | |
| " N & O @ | A G N Q S | | | A | |
| Y N & S A | G N Q S | | | : | |
| / " & B : A | N & B | | | S | |
| P N & S S | V N / : | | w | I | |
| F " & B I | N / : | | wob | U | |
| & N & S U | : F / V | | | | |
| I D & B u | F / P | | | | |
| O N & S D | / : P | | | | |
| / J & B R | | | | D | |
| B N & G J | | | | R | |
| M N & B N | | | | J | |
| G N & S F | | | | N | |
| X N & B C | | | | F | |
| M N / : K | | | | C | |
| X N / : T | | | | K | |
| C N / Y Z | | | | T | |
| Z N / P L | | | | Z | |
| Y / : W L | | | | L | |
| S / / P H | | | | W | |
| / / V A Y | | | | H | |
| Y E M P | | | | P | |
| / / Y E Q | | | | Q | |
| Y V D O | | | | O | |
| @ / O A B | | | | 8 | |
| / / M Y G | | | | 8 | |
| (a) / / " | | | | G | |
| (a) Y / M | | | | B | |
| (a) C / X | | | | G | |
| (P) Y / V | | | | " | |
| (P) C / £ | | | | M | |

Temp. Toronto Input

16 L, R, 17 L, R, Directory on L R

KAKE 111111TIC1

1st Page

KFILE T1E1

KFILE F111

KFILE Z111

KIDE Z1E@

KUSE 111111A1 YW

KAKE 11EV1TIC1

2nd Page

KIDE L1@N

KUSE 111111A1 YW

KAKE 11111Z1E1

3rd Page

KUSE 111111A1 YW

KAKE 11EV1Z1E1

4th Page

K2DEME@O

G A & B

KHDE 11AYB

KODY 11T@

G S / P

11111

11111

11111

0 A Q D

Toronto Input

Requires 3 White Tracks

d, P, 8
Directory is on 2nd Track 8.

References are:-

Page 1 11 (d) @ 1

S1 F111

F1 (P) 1111

IE (P) E @

Page 2 1A (8) @ N

Page 3 None

Page 4 None

KUSE 111111A1 YW

MANCHESTER UNIVERSITY COMPUTING MACHINE

ROUTINE Toronto Input

ROUTINE

T4 Left

4 Right

| Input-01 | / | : / @ / / I E / : E ← | F → C M E P O / I / C N A DIR → G, Y |
|----------|---------------------|--------------------------------------|--|
| refstep | / | / / / : E I / / P | Y : P G E Y A / / |
| | / | A / : @ I E / : ← C | / / Y T @ A E W / / |
| | / | P O A : A / P | / / Y T A I / / / |
| | A I P B | : I E / : ← R | / / P Z : K A / / / |
| | S / / : | S S A / P | refstep U / / P S M A / / |
| nsteps | K E Z D | I S Z E @ INPUT2 → S1 | U → / / Y T I I / / / |
| | I / O : | U U / P : ← K | ME Y B U S C @ / / / |
| | U / / : | ‡ D S / J | A / T ‡ ‡ I / / / |
| | M E / A | D M E R U | NET Y D S C @ / / / |
| | M E T N | R U / P : ← | V E T R R A E / / / |
| | U / / H | J V : / C | S S T C J ‡ / / / |
| | V / / Q | N P E / A | ‡ E I Q N I / / / |
| | / / / F | P M E / N | u : T C F K E / / / |
| | / / / C | U / P : | ME I S C E E / / / |
| | A / / / K | M E X A | — A : / Q K I E / / / |
| → DET | : T M E / N | — ME / S T U / / : ← : | — |
| J : / C | Z U / P : | — : T C Z V : X C | Arrive |
| M E / N | L P E / A | → B F T C L X E / A | clock |
| M E / A | W P E / N | → X E T A W X E / N | — |
| M E P O | H U / / : | — P E / ! H U / / : | — |
| U Y / : | Y P E / A | — X E / ! Y X E / A | — |
| V ! / C | P X E P O | — Y E / V P / : A C | — |
| P E / A | Q D S Y S | — P E / P Q X E P N | — |
| M E / N | O F K Y Z | refstep — E / P O M E N S | — |
| U / / : | B V : T N | — / / / / B X E / A | — |
| M E / A | G T / P H | — / / / / G X E P : | Move Left |
| Y : / C | " U / / P → refstep | — / / / / " P A / : L.F | — |
| M E / N | M / / P / | — / / / / M E X P → refstep | — |
| P E / A | X / / X / | — / / / / X / / X G ← S | — |
| M E Y O | V / / Y / | — Y / / V U / X P → refstep | — |
| BAK | / A I P E Z / I / @ | — / / / / E P E X P ← E / (E = X, P) | — |

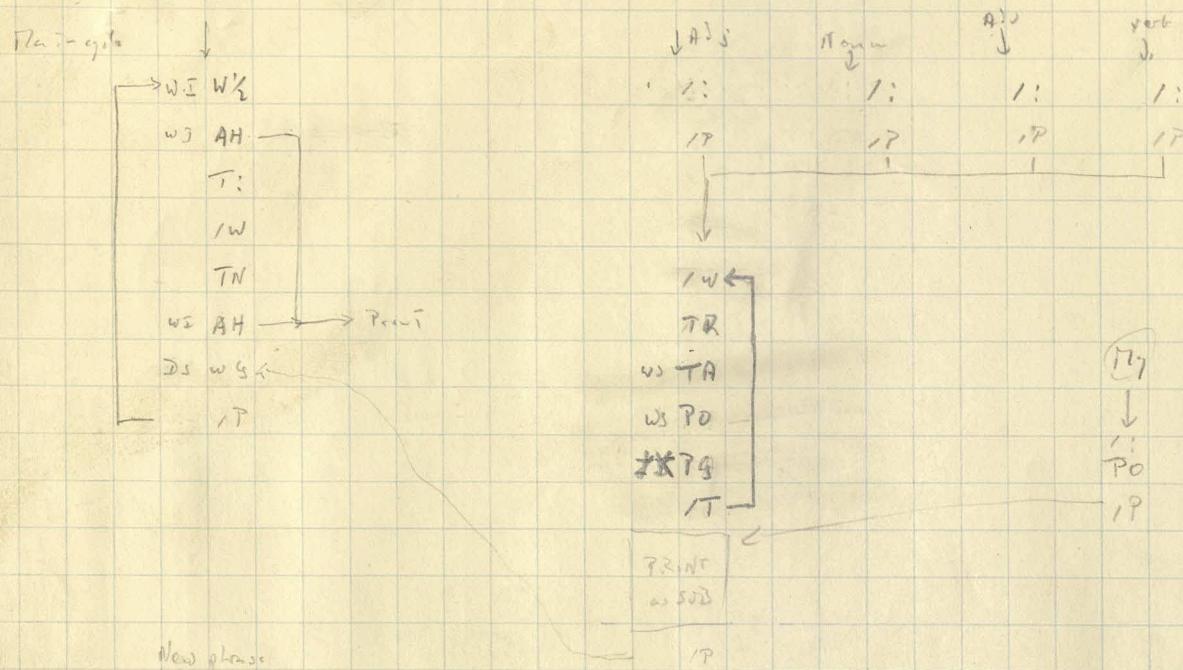
Themes

| | | | | | |
|---|----------------------|---|-------------|-----------|---|
| 1 | write to me | 1 | 4 | 14 | 3 |
| 2 | answer my letter | 1 | 4 | 14 | 3 |
| 3 | miss me | 1 | 4 | 4 | 3 |
| 4 | stop seeing that man | 1 | 4 | 6 8 14 18 | 7 |
| 5 | Tell your mother | 1 | 4 | 8 9 10 18 | 6 |
| 6 | play bridge | | 6 8 9 10 12 | | 5 |
| 7 | come back to me | | 9 | 14 | 3 |
| 8 | change your mind | | 4 | 14 | 2 |
| 9 | going out dancing | | (4) 6 | 10 | 2 |

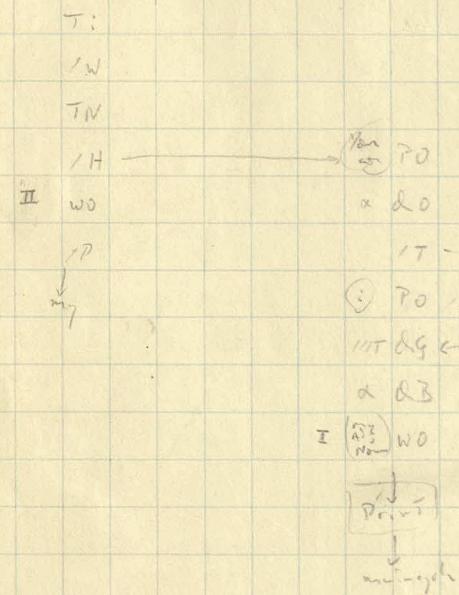
| Phr | Themes | Total Th | <u>Backgrounds</u> | | Weight | ZEN |
|-----|---------------|-------------|--------------------|-----|--------|-----|
| | | | Th | #2 | | |
| 1 | 1 2 3 4 5 6 | 16 | 10 | 6 4 | 16 | |
| 2 | — | 0 | 4 | 0 4 | 6 | |
| 3 | 1 2 3 4 7 8 6 | 6 | 8 | 6 2 | 14 | |
| 4 | 4 6 9 | 3 | 4 | 3 1 | 7 | |
| 5 | — | 0 | 2 | 0 2 | 6 | |
| 6 | 4 5 6 | 3 | 4 | 3 1 | 7 | |
| 7 | 5 6 | 2 | 7 | 2 5 | 9 | |
| 8 | — | 0 | 4? | 0 4 | 6 | |
| 9 | 1 2 3 4 7 8 | 6 | 7 | 6 1 | 13 | |
| 10 | 4 5 6 | 3 | 7 | 3 4 | 10 | |
| 11 | 5 6 9 | 3 | 3 | 3 0 | 6 | |
| | | 60 | 32 28 | | 100 | |

Word Indicator

(a) /T Transfer T & + ^{Pro} from own.



New phrase



Point ① CRLFCR 32, p.

E: LG

/T → New phrase

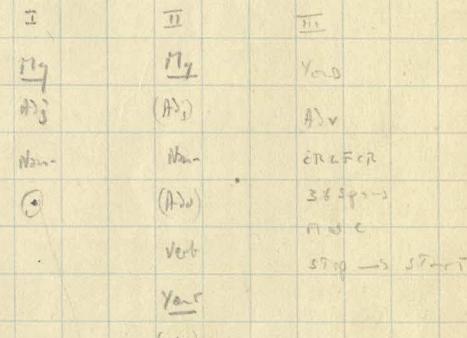


III WO



1P

Nom



Insert m in a d

Fixed Portable

28-14' 25-14'

I_1^1

$I_2^1 - 14$

m-13'

a-9

→ 18-9 or a-9

9-25

on / OFF

14-13(16) I_1^1

14-16

14-17

16-0

(26-10)

14-9

17-9

21-13'

14'-10 14'-9

$I_2^1 \rightarrow 17$

16-0

(10-26)

24 15
14 9m

26-10

$I_2^1 \textcircled{O} 16-15, \textcircled{O} 0$

Wink

Examination

$I_3^1 \textcircled{O} 26-9 \textcircled{O} 0$

a-16

$I_3^1 - 17$

16-0

(26-9)

a-14

13-25

on / OFF

13-14

18-9(8)

$I_2^1 - 10$

21-25

on / OFF

21-m 4

25-10

21-25

on / OFF

Movable

Fixed

m includes movable/fixed d.c.t.

CR

8 LF CR

[Ad. 1
2]

CR LF CR

8 spaces

Re

You are my

adj
noun

My
(a)j)

noun

(adv)

verb

Your

(a)j)
noun

5 times

full stop

CR LF CR

32 sp.

Yours

Adj

Mod.

MANCHESTER UNIVERSITY COMPUTING MACHINE

ROUTINE

LL Directory

J A / LL : DIR / D

K / N U

| | | | | | | | | | |
|---------|---|-----------|---------|------------|--|---|--|---|---|
| L L T | N | B S C E / | / | F | | / | | / | E |
| L L II | S | S C E / | E | | | | | | |
| Adj | H | S C E N | @ | | | | | | |
| Noun | M | S C E N | A | | | | | | |
| Adv | X | S C E N | : | | | | | | |
| Verb | V | S C E N | S | | | | | | |
| Perm | S | 1 1 : | I | | | | | | |
| | | U | | | | | | | |
| | | D | | | | | | | |
| | | R | | | | | | | |
| | | J | | | | | | | |
| | | N | | | | | | | |
| | | F | K C F E | | | | | | |
| | | C | 2 5 P / | Correction | | | | | |
| | | K | | | | | | | |
| | | T | | | | | | | |
| | | Z | | | | | | | |
| | | L | | | | | | | |
| | | W | | | | | | | |
| | | H | | | | | | | |
| | | Y | | | | | | | |
| | | P | | | | | | | |
| ENGPRTN | E | Q | | | | | | | |
| | | O | | | | | | | |
| | | Q | | | | | | | |
| | | O | | | | | | | |
| | | B | | | | | | | |
| | | G | | | | | | | |
| | | " | | | | | | | |
| | | M | | | | | | | |
| | | X | | | | | | | |
| | | V | | | | | | | |
| | | £ | | | | | | | |

: K / R N
STOP

1 UPN
STOP

ENGPRTN alterations
(for奉天機)

ROUTINE PN

BLANK TTTT

Blank または BLANK

(1)

MANCHESTER UNIVERSITY COMPUTING MACHINE

ROUTINE L.L.I (soft start)

ROUTINE No. / N

(S+TH=BASE/1)

JAILLI

K / K / - K / D / -

K / R / - K / J / -

1 / I / - J / T / - E

E / L G / A

SEL START → 1 / Z O E D S W G K

E / S E / T -

PERM → Z A / : @ Z R W K

E / O @ S A W O

Z X 2nd K → DE & O A E R A H

D S P G A S E / P

CALP → A I & B : Q / T :

U S Q G : P " 大よ

S9.5 → R E / : S R / / W

E u & B S L / / /

S : L O / I U S T N

S E / P I Y A P O ← YOURS

DSWO → U E R A H

W " 大よ USE / P

CALP → I S T / - J : / P

R @ P O Q " 大よ

I U T A D / N / / L I N G

S E / P D J A P O ← LF NO.

CAP O R E N / / S 45

Y " 大よ R S E / R

TAQ O J P E P O ← BPF

Adj → J C / : J O " 大よ

PRINT → I U T / - N C U T B

E : / Q N / / / G ← STOP

OKPNFSE / P

Non → G C / : F Y : / P

: E / H C V / / W ← ADJ 1,2

E : / Q C U " 大よ CRLFCR

BS / I K W E W R ← AIII ~

Adv → H @ / : K R / / /

LA / : T V K T A

E : / Q T M / Q O (X) / / /

V : / J Z V K P O

Verb → M @ / : Z S / / / X / / /

WA / : L B E P G

→ Z C / W L / / /

VK / A W S E / P

X @ T R W / / W / /

BS / I H A / / /

V K T A H / / /

LA / : Y U / / /

V K P O Y / / /

IST / - P " 大よ

B K P G P / / /

OKPNQ S E P O ← BPF

L @ / T Q O / / /

I U T A O S E / P

S E / P / / /

BK P / B Q : / /

Adj @ N / / B / / /

V A T R G Z " 大よ

Non A N / / G / / /

V K T A " @ U T B ← Lmpk

Adj : N / / " / / /

V K H O M K A W O T

Verb S N / / M / / /

GS / P X T E P O ← n

F E / / X / / /

ENSPRINT → F / / V S E / P

O → S : W O V / / /

P N / / E L " 大よ

: A P O E / / /

F ジル FGR

FDD F"R

FRD FMR

FBR FJD

UIN

STOP

≡

Blank TTT

MANCHESTER UNIVERSITY COMPUTING MACHINE

(2)

ROUTINE LL II

ROUTINE No EM

J:LLII

| | |
|-------------|-------------|
| K / ½ / | K / D A |
| " : ½ : / | " S R D |
| " ½ " ½ " E | C U M " ½ " |
| " ½ " ½ " @ | " Y F @ |
| A E D / A | |
| / / " R : | |
| R A D / S | |
| G N I L T I | |
| / / / " U | |
| N O H / ½ | |
| / " Y E D | |
| W E J / R | |
| Y " L E J | |
| V O L / N | |
| / / " E F | |
| C U D / C | |
| / / " K K | |
| P O P / T | |
| " T E P / Z | |
| E W S / L | |
| E H T E W | |
| " T R A / H | |
| / / / / Y | |
| " / / / P | |
| " Y M / Q | |
| U O Y / O | |
| E R A / B | |
| / / / " G | |
| " Y B C @ " | |
| U O Y / M | |
| / / " R X | |
| Y Y F @ V | |
| U O Y / E | |

| | |
|-----------------|--------------------------|
| R / / / / / | U / R / - U / J / |
| 73F 9 → | R E / / - E E " ½ / / |
| Address 1 | F E / / - @ A ½ ½ E @ |
| 2 | F E / / A S " ½ / @ |
| CALPER | U / / / - : ½ ½ T E - |
| 73P 4 | P E / / S R " T E - |
| NEUTERBIE 5 | G E / T I N " ½ ½ E - |
| shortphr 6 | G E / / U C " ½ ½ E - |
| my 7 | H E / / ½ T " ½ ½ E - |
| adj 8 | R @ / / D L " ½ ½ O - |
| none 9 | N @ / / R Y " ½ ½ O - |
| (Y) 10 | X @ / / J Q " ½ ½ O / my |
| adj longphr. 11 | R @ / T N O " ½ ½ / e - |
| None 12 | N @ / / F " ½ ½ / : |
| (as) 13 | C E / T C N " ½ ½ E - |
| rest 14 | T e / / K V " ½ ½ / O |
| Yours 15 | U e / / T K T E - |
| (as) 16 | Z e / T Z E D " ½ ½ E - |
| None 17 | N @ / / L / / / / |
| (Y) 18 | X @ / / W / / / / |
| CALF 19 | U / / / H / / / / |
| 73P | P E / / Y N I W / - |
| 73P | P E / / P G N I N - |
| 73P | P E / / Q / / / / |
| 73P | P E / / O A E B / - |
| Yours | S A / / B F I T U - |
| adv | C @ / / G / " L u - |
| 73P | Y A / / " D E S / - |
| stop. | I A / / M I T C U - |
| | Y / / / X / " E V - |
| | Y / / / V V O L / - |
| 1 | Y / / / E " Y L E - |

UEEN

STOP

Blank LFF

Blank TTTT

(3)

MANCHESTER UNIVERSITY COMPUTING MACHINE

ROUTINE ADJ

ROUTINE No @ N

| J I / L L : A D J | |
|-------------------|-----------|
| K / V / | K / D / |
| N X N A / | " T N E F |
| S U O I E | E R B Z |
| / / / " @ | L H T A |
| S I W / A | " S S E |
| L U F T : | P M I / |
| / / / " S | E I T A |
| R U C / I | / " T N |
| S U O I U | V O L / |
| / / / " G | N I |
| A R C / D | V O L Z |
| G N I Y R | C I S E |
| / / / " J | / " K |
| V O C / N | F F A X |
| U O T E F | I T C E |
| / / " S C | T A N O |
| I V A / K | / " E |
| / / " D T | N E T / |
| S N U / Z | " R E D |
| S I T A L | E W S / |
| D E I F W | / " T E |
| / / / " H | M Y S / |
| G A E / Y | H T A P |
| / " R E P | C I T E |
| E E K / Q | / " Y |
| / / " N O | N O T / |
| R U B / B | / " D |
| G N I N G | O M A / |
| / / / " . | S K O R |
| R E F / M | / " Y |
| T N E Y X | D R E X |
| / / / " V | " C I T |
| D R A / E | S A P / |

| N / R / | K / J / |
|-------------|-------------|
| C N O I S / | I N / @ K |
| " E T A E | D N / @ |
| V E D / @ | N N ' E |
| D E T O A | K N ' E |
| / / / " : Z | N / A |
| A E D Y S | Y N T E |
| / / " R I Q | N Y E |
| E R P / U | B N / @ |
| U O I C M | N N / @ |
| / / " S D | X N O E |
| R A D / R | E F O @ |
| G N I L J | : F T @ |
| / / / " N | U F O E |
| T I L / F | D T ' E |
| " E L T C | N F ' A |
| V O L / K | T T F O E |
| E L B A T | L F T E |
| / / / " Z | H T Y A |
| O D A / L | O F ' E |
| L B A R W | G F / @ |
| / / " E H | X F O E |
| / / " Y | Z F D @ |
| R C / @ P | @ C / @ |
| F C O E Q | S C ' E |
| K C / @ O | U C ' E |
| E C / @ B | A E / / C E |
| Y J / @ G | X / P A |
| O J T @ " | X / / / |
| " J T @ M | / Y Z / |
| V J O E X | X / / / |
| / N / @ V | / / / |
| A N / @ E | / Z Y X |

u @ N

STOP

3

Blank TTTT

Blank TPA

MANCHESTER UNIVERSITY COMPUTING MACHINE

ROUTINE NDONS

| JILL NDONS | |
|-------------------|-----------|
| K / " / - | K / D / - |
| N S E D / / | I H T / F |
| * E R I E / T S R | |
| S I W / @ S U L / | |
| / / " H A / / + T | |
| N A F / : S A P / | |
| / " Y C S N O I S | |
| K I L / I / / / " | |
| " G N I U F F A / | |
| V O L / ½ I T C E | |
| / / " E D / " N O | |
| N O F / R M Y S / | |
| S E N D J H T A P | |
| / / " S N / / * Y | |
| N O L F L E F / | |
| G N I G C / W O L | |
| / / / " K L E E F | |
| A E Y / T " G N I | |
| N I N R Z N E T / | |
| / / " G L N R E D | |
| B M A / W " S S E | |
| O I T I H A E H / | |
| / / " N Y / " T R | |
| G A E / P V E D / | |
| E N R E Q O I T O | |
| / " S S O / / + N | |
| D R A / B R E F / | |
| * R U O G R U O V | |
| ? P A / " / / / " | |
| T I T E M T N E / | |
| / / " E X I S U H | |
| N U H / V " M S A | |
| " R E G E P A R / | |

≡ ≡

| ROUTINE AN | |
|---------------------|-----------|
| K / R / | K / S / |
| C E R U T / | @ N K E K |
| / / / " E / N O E | |
| C N E / @ F C T E | |
| T N A H A R C T E | |
| T N E M : I C I / A | |
| / / / " S @ C / A | |
| F N I / I ½ F / C | |
| A U T A U M F O C | |
| N O I T ½ B F / C | |
| / / / " D P F ¾ C | |
| O D A / R H F T E | |
| I T A R J Z F O C | |
| / " N O N F F O A | |
| A H C / F R F K E | |
| / " N R C U F T E | |
| / / / " K : F / @ | |
| / / / " T @ F ½ E | |
| / / / " Z / F O E | |
| / / / " L V N Q E | |
| / / / " W " N ¾ C | |
| / / / " H B N O E | |
| / / / " Y P N T E | |
| / / / " P W N ¾ C | |
| / / / " Q T N ¾ C | |
| / / / " O E N ¾ C | |
| / / / " B X / / / | +++ |
| / / / " G V / / / | |
| / / / " T " / / / E | |
| R N ¾ C M / / / | |
| ' N ¾ E X / / / | |
| I N D E V / / / | |
| : N T E E / / / | |

≡ ≡

UAN
STOP

≡
Blank ff

Bland TTT

MANCHESTER UNIVERSITY COMPUTING MACHINE

ROUTINE ADV

ROUTINE No : N

(S)

| JILL:ADV | |
|-----------|-----------|
| K / Y / | K / D / |
| N X N A / | P H I / F |
| S U O I E | E E I T A |
| / " Y L @ | Y L T N |
| S I W / A | / / / " |
| L U F T : | V O L / |
| / " Y L S | L G N I |
| R U C / I | / / " Y |
| S U O I U | F F A / |
| / " Y L I | I T C E |
| V O C / D | T A N O |
| U O T E R | " Y L E |
| " Y L S J | I N E T / |
| G A E / N | L R G D |
| Y L R E F | / / " Y |
| / / / " C | N O F / |
| I V A / K | " Y L D |
| " Y L D T | S A P / |
| E E K / Z | N O I S |
| " Y L N L | L E T A |
| R U B / W | / / " Y |
| S N I N H | V E D / |
| / " Y L Y | D E T O |
| R E F / P | / " Y L |
| T N E V Q | D E S / |
| / " Y L O | I T C W |
| D R A / B | Y L E V |
| L T N E G | / / / " |
| / " Y " N | I W / |
| E R B / M | G N I N |
| L H T A X | / " Y L |
| L S S E V | A E B / |
| / " Y E | F I T U |

| K / R @ | K / J / |
|----------------------|--------------|
| C Y L Z U | / / / / / K |
| / / / " | E / / / / |
| W | @ / / / / |
| A / / / / | : K N D E |
| S N N / P | I D N O E |
| U I N T e | U I N T e |
| W A N T e | D / N T e |
| R V F / A | R V F / A |
| J " F T e | J " F T e |
| N Q F / A | C T F " A |
| F H F T e | K C F O E |
| C T F " A | T J F " C |
| K C F O E | Z U F O A |
| T J F " C | L : F " e |
| Z U F O A | W / F / A |
| L : F " e | H M N " A |
| W / F / A | Y B N " e |
| H M N " A | P P N T e |
| Y B N " e | Q W N T e |
| P P N T e | O Z N O E |
| Q W N T e | B Y / / / |
| O Z N O E | G X / / / |
| B Y / / / | " / / / / |
| G X / / / | M / / / / |
| " / / / / | X / / / / |
| M / / / / | V / / / / |
| X / / / / | E / / / / |
| V / / / / | W |
| E / / / / | W |

U : N

STOP

~~W~~

Mark & LF

Blank + TT

MANCHESTER UNIVERSITY COMPUTING MACHINE

(6)

ROUTINE VERBS

JULLIVERBS

| K / K / | K / D / |
|-----------------------|---------|
| N S E D Y / / / / " F | |
| S E R I E S I S / | |
| / / / " @ F / S H | |
| S I W / A / " R O | |
| " S E H : N I P / | |
| N O L / S F / S E T | |
| F / S G / I / " R O | |
| / " R O U N A P / | |
| P O H / F / S T | |
| F / S E D / " R O | |
| / " R O R O O W / | |
| X I L / J / " S | |
| / " S E N T T A / | |
| I L C / - F T C A R | |
| / S G N C / / " S | |
| / " O T K M E T / | |
| N A W / T " S T P | |
| / " S T Z V O L / | |
| N U H / L / " S E | |
| S R E G W R A G / | |
| R O F / H F / S E | |
| / / / " Y / " R O | |
| I H T / P / S I / | |
| S T S R Q D D E W | |
| R O F / O T / D E | |
| / / / " B / / " D | |
| A E Y / G L O H / | |
| / S N R " D I S D | |
| " R O F M " R A E | |
| S U L / X I R P / | |
| A / S T V " S E Z | |
| R E T F E E R T / | |

~~3~~

| K / R U N | K / I / |
|-----------------------|---------|
| C R U S A / F N T C K | |
| / " S E E J N T E | |
| E H C / @ K N T C | |
| H S I R A S N T C | |
| / " S E : A N D E | |
| O D A / S / N / E | |
| " S E R I S C O E | |
| U @ C T C | |
| D @ N T C | |
| X N O G | |
| R G N O C | |
| J P F " 2 A | |
| N W F T T C | |
| Z F T E | |
| K K F O E | |
| K N F " 2 C | |
| R F " 2 E | |
| T Z U F T C | |
| L W H E F T C | |
| R F T T C | |
| W H Y X N I A | |
| E F T C | |
| P Q O L N I A | |
| O B G T N T E | |
| B I T C | |
| G X / D / | |
| " / C T C | |
| M C C C / | |
| X / / / / | |
| V / / / / | |
| E / / / / | |

USN

STOP

~~3~~

Blank & off

MANCHESTER UNIVERSITY COMPUTING MACHINE

ROUTINE

ADS

| | | | |
|----------------|-------------|-------------|--|
| Y ₄ | I X N A | / M I T N D | |
| | / S U D | E A E R B | |
| " | @ E L H T | | |
| TSI W | A H / S S | | |
| / L U F | : A P M I | | |
| " | S N E I T | | |
| I R U C | I " / T | | |
| / S U O | U I V O L | | |
| " | 1/ " / G N | | |
| V A R C | D E V O L | | |
| / G N I R | K C I S | | |
| " | J " / | | |
| E V O C | N E F F A | | |
| S U O T | F O I T C | | |
| " | Z C E T A N | | |
| A S N U | K " / | | |
| F S I T | T D N E T | | |
| / D E I | Z " / R E | | |
| " | L E E W S | | |
| E G A E | W " / T | | |
| " | H P N Y S | | |
| D I V A | Y E E T A | | |
| " | P C I T | | |
| N E E K | Q D " / | | |
| " | O D N O F | | |
| N R U B | B " / | | |
| / G N I G | G R O N A | | |
| " | " P S U O | | |
| V R E F | M " / | | |
| / T N E X | T O R E | | |
| " | V " / C I | | |
| E D R A | E S S A T | | |

| | | | |
|---|-----------|---------|---|
| R | A N O I | / X 1/2 | J |
| | " / E T | E | |
| | O V E D | @ | |
| | / D E T | A | |
| | " | : | |
| | R A E D | S | |
| | " / | I | |
| | C E R P | U | |
| | S U O I | 1/ | |
| | " / | D | |
| | L R A D | R | |
| | / G N I | J | |
| | " / | N | |
| | T T I L | F | |
| | " / E L | C | |
| | A V O L | K | |
| | / E L B | T | |
| | " | Z | |
| | R O D A | L | |
| | E L B A | W | |
| | " / | H | |
| | E V O L | Y | |
| | " / Y L | P | |
| | V I T C | O | |
| | U D E S | Q | |
| | V I T C | O | |
| | " / E | B | |
| | N N I U G | G | |
| | / G N I | " | |
| | " / | M | |
| | U A E B | X | |
| | U F I T | V | |
| | " / L | E | |

Enter with BS set for print

PRINT as → on T1
as SUB

from PN

IH
↓
CRLF CR
↓
(cm) T1
W₁, PN
on TA ←

W₂, P1

TR

WS TA

WS HD

.. & 0

GS IP

ENSPRINT
as AD

Returns to master.

Y or PO

& Q0

IT

(: PO

(m) & G ←

& QB

BS = S/IT ?

↓

IW ←

TN

(a) A:

IH

(a-i) A: ←

(E)n) WG

IW ←

TR

TN

IH

(W) TA ←

PO

PRINT

as SUB

(m) WG

IT

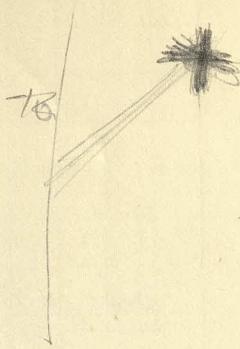
(E)n) WG

IT ←

Enter with BS = I or IT after appropriate /: for (n)
with L = (n) / / →
give IT (A₁) Non-(A₁) Non-(A₂) Non →

Enter

$\rightarrow \equiv$
 $\equiv \leftarrow$
 \equiv
 \equiv
 b, f
 s.



modified by }
 B_0 except }
 when B_0 }
 specified

$B \& S \rightarrow B$
 $B + S \rightarrow B$
 $B - S \rightarrow B$
 $S \rightarrow B$
 $B \rightarrow S$

new

E/
C/
A/

redundant. B_{0i} :

$B \neq 0$ ~~$B = B - 1$~~ , $S \rightarrow C$
 ~~$B \neq 0$~~ $B = 0$ ~~$C = 1$~~ $B' = 0 \in B$

test B $B \geq 0$ just
 $B < 0$ send

B_0 modified
 as
 with $B_0 \geq 0$
 $=$

①

K: 'E A I & B
K N D E @ U T B
K E R E @ U & O
K S R E @ U & B

(IN)

K " D E @ U T B

Before K (J)

②

Nme.

③

K F R E T I L /

add -T e ↗ V @ N (after 6 blank lines.)
STOP

④

-T e ↗ U A N
STOP

⑤

-T e ↗ U : N
STOP

ENGPRINT ROUGH

K A K E / / / / B E E Z
T . L P r i n t i n g .
K U S E / / / / / A /

Y W

K A K E / / / / B E E Z
K Y S E & E K M : E E Z
& J E N G P R I N T O N E
X V S T A Z

T/ Directing no PN.

Tone to kept 4, 5, 14R 14L from T

100000 55000 00746 234

Concerts X LL

JJ/CORR:FOR:LL

D E N

K B J E

O E / /

U C N

D A N

K B J E

M / / /

U A N

D : N

K B J E

H / / /

U : N

D S N

K B J E

O / / /

U S N

S T O P

Long phr.

short. You are my ~~~~~ $s=1$
: my ~~~~.

short $s=0$ You are long ~~~~~ $p \neq s = 1$
 ~~$s=1$: my ~~~~. $p \neq s = 0$.~~

long $s=1$. My ~~~~. $p \neq s = 0$
 $s=0$ / My ~~~~.

long eaudo
/ T
 $s=1$: A P O
e u T B
 $s \neq 1$ P
R

No. 2
LL first corrections
D / N R x o x x k x
K " D E - B - Y Z B G < 0
e u T B
U / N BKPY
" C P T K - K E P Y

D A N
K B J E
X / / /
U A N
D : N
K B J E
Y / / /
U : N
D S N
K B J E
B / / /
U S N

For Correction)

K / K E
Y E I /
K C ' E
K / @ N
K L ' E
/ / & /
K D D E
K / L /

For LL

D / N
K " D E
@ U T B
U / N
D A N
K B J E
X / / /
U A N
D : N

For ENGPRT/T
rep - h

J S / ENGPRT / UT
NOTE
U P N
STOP

Requires a Direct Line CF
JZ / USES : TRACK : O / LEFT

K C F E
O / / /
: K / R N

Y / / /
U : N
D S N
K B J E
B / / /
U S N

STOP

