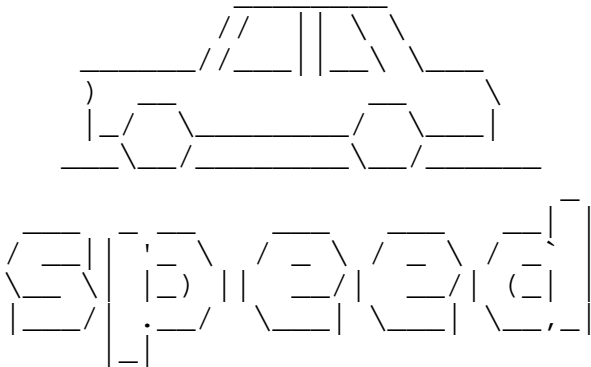


Speed

TEXAS INSTRUMENTS				
Speed				
Data entry :	Kms	Kms/h	hhmmss	Init.
Calculates :	> Kms	> Kms/h	> hhmmss	

S P E E D

Calculates Number of Kilometers		
(1) Input Kms/h	C'	
(2) Input hh.mmss	D'	
(3) Number of Kilometers	B	
Calculates Speed in Kilometers/Hour		
(1) Input Kms	B'	
(2) Input hh.mmss	D'	
(3) Speed in Kms/h	C	
Calculates Time Spent		
(1) Input Kms	B'	
(2) Input Kms/h	C'	
(3) Time Spent	D	



```

// INITIALIZATION
LBL E'
CMS
CUT
SBR LNX OP 00
3 6 3 3 OP 02
1 7 1 7 1 6 0 0 0 0 OP 03
OP 05
SBR LNX
CLR
RTN

// INPUT KILOMETERS
LBL B'
STO 20
GTO DEG
RTN

// INPUT KILOMETERS / HOUR
LBL C'
STO 30
GTO GRD
RTN

// INPUT HOURS
LBL D'
STO 40 INT STO 41

// INPUT MINUTES
RCL 40 INV INT * 1 0 0 =
STO 40 INT STO 42

// INPUT SECONDS
RCL 40 INV INT * 1 0 0 =
INT STO 43

// CALCULATES SECONDS
( RCL 41 * 3 6 0 0 ) + ( RCL 42 * 6 0 ) + RCL 43 =
STO 40
GTO RAD
RTN

// CALCULATES KILOMETERS
LBL B
( RCL 30 * RCL 40 ) / 3 6 0 0 =
STO 20
GTO DEG
RTN

// CALCULATES KILOMETERS / HOUR
LBL C
( RCL 20 * 3 6 0 0 ) / RCL 40 =
STO 30
GTO GRD
RTN

// CALCULATES HOURS MINUTES SECONDS
LBL D
( RCL 20 * 3 6 0 0 ) / RCL 30 =

```



```

STO 40 / 3 6 0 0 =
STO 40 INT STO 41 RCL 40 INV INT * 6 0 =
STO 40 INT STO 42 RCL 40 INV INT * 6 0 =
INT STO 43
GTO RAD
RTN

```

```

// PRINT KILOMETERS
LBL DEG
OP 00
2 6 3 0 3 6 SBR SIN OP 04
RCL 20 OP 06
CLR
RTN

```

```

// PRINT KILOMETERS / HOUR
LBL GRD
OP 00
2 6 3 0 3 6 6 3 2 3 OP 04
RCL 30 OP 06
CLR
RTN

```

```

// PRINT HOURS MINUTES SECONDS
LBL RAD
OP 00
2 3 SBR TAN OP 04
RCL 41 OP 06
OP 00
3 0 SBR TAN OP 04
RCL 42 OP 06
OP 00
3 6 SBR TAN OP 04
RCL 43 OP 06
CLR
RTN

```

```

// REPLACE 4 CHARACTERS
LBL SIN
* 4 INV LOG =
RTN

```

```

// REPLACE 6 CHARACTERS
LBL COS
* 6 INV LOG =
RTN

```

```

// REPLACE 8 CHARACTERS
LBL TAN
* 8 INV LOG =
RTN

```

```

// LINE
LBL LNX
OP 00
2 0 2 0 2 0 2 0 2 0 OP 01
OP 02
OP 03
OP 04

```



OP 05  
RTN



L A B E L S
001 10 E'
033 17 B'
040 18 C'
047 19 D'
106 12 B
126 13 C
146 14 D
201 60 DEG
221 80 GRD
243 70 RAD
283 38 SIN
291 39 COS
299 30 TAN
307 23 LNX

Adr	Branch.
DEG	036 61 GTO
DEG	122 61 GTO
GRD	043 61 GTO
GRD	142 61 GTO
LNX	004 71 SBR
LNX	028 71 SBR
RAD	102 61 GTO
RAD	197 61 GTO
SIN	210 71 SBR
TAN	248 71 SBR
TAN	260 71 SBR
TAN	272 71 SBR

Reg.	Instr.
20	034 42 STO
	120 42 STO
	128 43 RCL
	148 43 RCL
30	214 43 RCL
	041 42 STO
	108 43 RCL
	140 42 STO
40	157 43 RCL
	236 43 RCL
	048 42 STO
	053 43 RCL
41	062 42 STO
	067 43 RCL
	100 42 STO
	111 43 RCL
42	137 43 RCL
	160 42 STO
	168 42 STO
	173 43 RCL
43	181 42 STO
	186 43 RCL
	051 42 STO
	080 43 RCL
43	171 42 STO
	252 43 RCL
	065 42 STO
	090 43 RCL
43	184 42 STO
	264 43 RCL
	077 42 STO
	097 43 RCL
43	195 42 STO
	276 43 RCL

