

rugbyEN02 sub-program for Rugby

rugbyEN02 sub-program for Rugby

=====
Calculates and prints the wind direction

WIND =} SOUTH WEST



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// ##### PRINT WIND #####
LBL E
OP 00
0 0 4 3 2 4 3 1 1 6 OP 01
RCL 03 X/T
1 EQ SIN
2 EQ COS
3 EQ TAN
4 EQ DEG
5 EQ RAD
6 EQ GRD
7 EQ LOG
8 EQ LNX
0 STO 12
0 STO 13
OP 00
0 0 3 1 3 2 0 0 4 3 OP 02
2 4 3 1 1 6 0 0 7 3 OP 03
OP 05
RTN

// ##### 1 NORTH #####
LBL SIN
0 STO 12
2 STO 13
0 0 6 4 7 7 0 0 3 1 OP 02
3 2 3 5 3 7 2 3 0 0 OP 03
OP 05
RTN

// ##### 2 NORTH EAST #####
LBL COS
1 STO 12
1 STO 13
0 0 6 4 7 7 0 0 3 1 OP 02
3 2 3 5 3 7 2 3 0 0 OP 03
1 7 1 3 3 6 3 7 0 0 OP 04
OP 05
RTN

// ##### 3 EAST #####
LBL TAN
2 STO 12
0 STO 13
0 0 6 4 7 7 0 0 1 7 OP 02
1 3 3 6 3 7 0 0 0 0 OP 03
OP 05
RTN

// ##### 4 SOUTH EAST #####
LBL DEG
1 STO 12
1 +/- STO 13
0 0 6 4 7 7 0 0 3 6 OP 02
3 2 4 1 3 7 2 3 0 0 OP 03
1 7 1 3 3 6 3 7 0 0 OP 04
OP 05
RTN

// ##### 5 SOUTH #####

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LBL RAD
0 STO 12
2 +/- STO 13
0 0 6 4 7 7 0 0 3 6 OP 02
3 2 4 1 3 7 2 3 0 0 OP 03
OP 05
RTN

// ##### 6 SOUTH WEST #####
LBL GRD
1 +/- STO 12
1 +/- STO 13
0 0 6 4 7 7 0 0 3 6 OP 02
3 2 4 1 3 7 2 3 0 0 OP 03
4 3 1 7 3 6 3 7 0 0 OP 04
OP 05
RTN

// ##### 7 WEST #####
LBL LOG
2 +/- STO 12
0 STO 13
0 0 6 4 7 7 0 0 4 3 OP 02
1 7 3 6 3 7 0 0 0 0 OP 03
OP 05
RTN

// ##### 8 NORTH WEST #####
LBL LNX
1 +/- STO 12
1 STO 13
0 0 6 4 7 7 0 0 3 1 OP 02
3 2 3 5 3 7 2 3 0 0 OP 03
4 3 1 7 3 6 3 7 0 0 OP 04
OP 05
RTN

```



| L A B E L S | | |
|-------------|----|-----|
| 001 | 15 | E |
| 079 | 38 | SIN |
| 114 | 39 | COS |
| 161 | 30 | TAN |
| 196 | 60 | DEG |
| 244 | 70 | RAD |
| 280 | 80 | GRD |
| 329 | 28 | LOG |
| 365 | 23 | LNK |

| Adr | Branch. |
|-----|-----------|
| COS | 023 67 EQ |
| DEG | 029 67 EQ |
| GRD | 035 67 EQ |
| LNK | 041 67 EQ |
| LOG | 038 67 EQ |
| RAD | 032 67 EQ |
| SIN | 020 67 EQ |
| TAN | 026 67 EQ |

| Reg. | Instr. |
|------|------------|
| 03 | 016 43 RCL |
| 12 | 044 42 STO |
| | 081 42 STO |
| | 116 42 STO |
| | 163 42 STO |
| | 198 42 STO |
| | 246 42 STO |
| | 283 42 STO |
| | 332 42 STO |
| | 368 42 STO |
| 13 | 047 42 STO |
| | 084 42 STO |
| | 119 42 STO |
| | 166 42 STO |
| | 202 42 STO |
| | 250 42 STO |
| | 287 42 STO |
| | 335 42 STO |
| | 371 42 STO |

