```
Lbl 1
Norm
ClrText
"EAST 1"?→A
"NORTH 1"?→B
ClrText
"EAST 2"?→C
"NORTH 2"?→D
ClrText
(A+C)÷2→E:(B+D)÷2→F
(√((A−C)²+(B−D)²))÷2→G
(C−A)→H:(D−B)→I
If I<0
Then tan⁻¹ (H÷I)+180→J
Goto 2
IfEnd
If I>0
Then tan⁻¹ (H÷I)→J
Goto 2
IfEnd
If H>0
Then 90→J
Else 270→J
IfEnd
Lbl 2
If J<0
Then J+360→J
IfEnd
Lbl 3
ClrText
"    MENU:"
"[1] LEFT"
"[2] RIGHT   "?→M
If M=1
Then Goto 4
IfEnd
If M=2
Then Goto 4
IfEnd
Goto 3
Lbl 4
ClrText
"RADIUS (M)"?→K
ClrText
If K<G
Then Goto 5
IfEnd
If M=1
Then J−90→L
IfEnd
If M=2
Then J+90→L
IfEnd
√(K²−G²)→P
sin (L)×P+E→N
cos (L)×P+F→O
Fix 3
"EASTING:"
N◢
"NORTHING:"
O◢
ClrText
Goto 1
Lbl 5
Norm
" ==========="
"    ERROR:"
" R TOO SMALL"
" ==========="◢
Goto 1
```