

```

Norm:ClrText
1→P
0→T
0→D
Norm
"POINT NO:"
P↵
ClrText
"EAST"?→A
"NORTH"?→C
Lbl 2
ClrText
P+1→P
Norm
T+D→T
If P>2
Then Fix 4:"TOTAL DIST:":T↵
IfEnd
Norm
"POINT NO:"
P↵
ClrText
"EAST"?→Y
"NORTH"?→Z
Y→A:Z→C→N
ClrText
 $\sqrt{(E^2+N^2)}$ →D
If N<0
Then  $\tan^{-1}(E\div N)+180$ →B
Goto 1
IfEnd
If N>0
Then  $\tan^{-1}(E\div N)$ →B
Goto 1
IfEnd
If E>0
Then 90→B
Else 270→B
IfEnd
Lbl 1
If B<0
Then B+360→B
IfEnd
"BEARING:"
B↵
Fix 4:"DISTANCE:"
D↵
Y→A:Z→C
Goto 2

```