

```
ClrHome
Disp "BATTLESHIP 21X21"
Disp "MOVING"
Disp "ENTER A 5 DIGIT"
Input "NUMBER: ",C
C→rand
Ø→G
Lbl 1Ø
G+1→G
Disp "START OF GAME"
Disp G
randInt(-1Ø,1Ø)→A
randInt(-1Ø,1Ø)→B
Ø→S
While S=Ø
randInt(-3,3)→S
End
Ø→T
While T=Ø
randInt(-3,3)→T
End
Ø→N
Disp "SHIP IS IN PLACE"
Lbl 2Ø
N+1→N
Disp "Guess ?"
Disp N
Prompt X,Y
(A-X)^2+(B-Y)^2→C
If C>Ø
Then
√(C)→D
Disp "OFF bY "
Disp D
A+S→A
B+T→B
Goto 2Ø
End
Disp "HIT HIT HIT HIT"
Pause "PRESS ENTER..."
Goto 1Ø
```