

```
100 REM ===== NUMBER =====
110 A:
120 PRINT
130 PRINT "FIND THE NUMBER"
140 LET x = RND()
150 LET x = INT(x * 1023) + 1
160 LET TRY = 0
170 AGAIN:
180 LET TRY = TRY + 1
190 INPUT "Number ?"; number
200 IF number > x THEN HIGH
210 IF number < x THEN LOW
220 PRINT
230 IF TRY = 1 GOTO SUPER
240 PRINT "Great"
250 PRINT "tries";TRY
260 STOP
270 SUPER:
280 PRINT "CHAMPION !"
290 PRINT "try ";TRY
300 STOP
310 LOW:
320 PRINT number
330 PRINT "  too low !"
340 GOTO AGAIN
350 HIGH:
360 PRINT number
370 PRINT "  too high !"
380 GOTO AGAIN
390 300 END
```

