Guessing game :

Number 23

#6 to low

#27 to high

#22 to low

#23 Correct

42 too low

95 too high

70 too high

52 too high

49 too high

46 too high

44 Correct

num = 90

DRY

Analysis

-Describe

-Observations

-Identify Things

**Guess as many times as you like.**

**Indicator-Too low, too high and correct.**

**Dean looks like Elvis. He's a dead ringer.**

**Loops guesses correct number then quit.**

**Linear game**

**Between two numbers.**

**Split the range.**

Right answer wins (2+ people).

**Wandering off-target.**

**Need a problem statement.**

**Identify test data.**

**There is a limit to min number of guesses (6).**

**50, 25, 12, 6, 3, 2, 0.**

**Critique**

* **Close enough (50+-5)**
* **Random vs repeatability**

**Is it good enough?**

**Variable names:**

**-Guess**

**-Guess Number**

**-My-Integer**

**-Indicator**

**How do we calculate the first guess?**

**50=Half of range**

**Guess=Range/2**

**List**

**Upper/Lower limit**

**Upper=100**

**Lower = 1**

**Range [1,100]**

**Range0 [1]**

**Range1 [100]**

**Guess= (Range [1]-Range [0])**