Program Logic

Process in calculating K/D

* EP = encounters played

Stats needed:

	example #'s
(SR) Survival Rate → % between 0 & 100	42.43%
Kills → Total # of kills acquired ------	540
*EP → Total matches played -------	641

** you can only die once per encounter
(you cant die twice in a match)

- formula to calc. matches survived:

$$\frac{42.43}{100} \cdot \frac{X}{641}$$

(SR) ↑ ; EP ↓ ; X ← matches survived (ms)

solve for X, $x = 272$

- Method to calc. matches died (Total Deaths)

$641 - 272 = 369$

641 ← EP ; 272 ← (ms) ; 369 ← died

- Method to calc. Kill/death ratio (K/D)

$$\frac{540}{369} = 1.463 \text{ K/D}$$

540 ← total kills ; 369 ← total deaths

Chris R

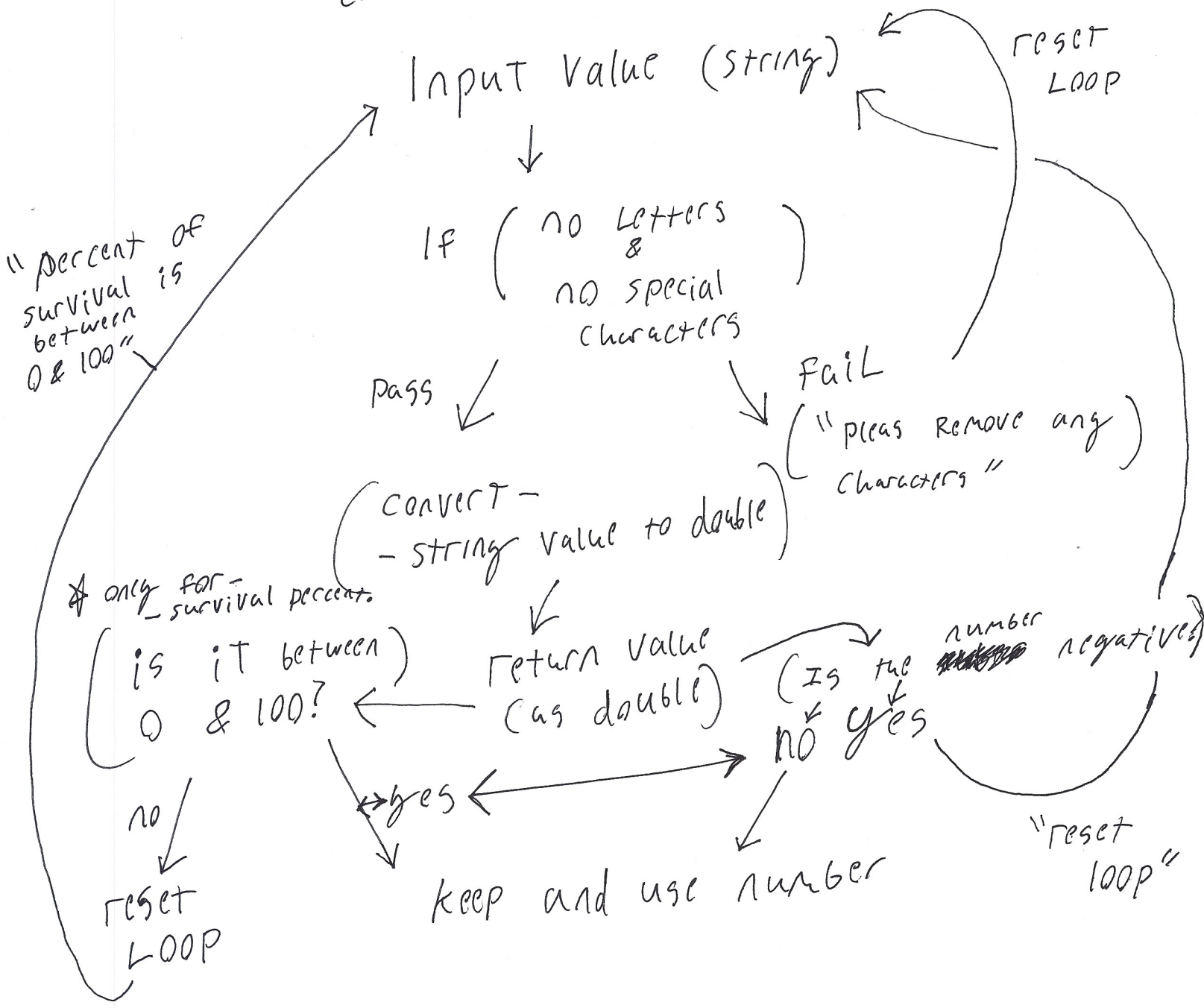
compare K/D to kills per encounter (KPE)

ex.) KPE = 0.84

Real K/D = 1.463

Function Logic

code for preventing Bad inputs



* The purpose of the function is to vet-out mixed or non-numbers.

Chris B

read-write text file logic - Notepad

File Edit Format View Help

```
check if file is there;


(if not the make new file)
(if yes then open file)
{
record date and time

on a new line write player entry number, player name, date, survival rate, encounters played, kills

on new line write players kill/death ratio

create new line write "_____" to seperate entries.
}
close file
```