

Bug Logs

Credit name: Chapter 5

Assignment Name: Mastery - Guessing Number

```
int Snum = (int) (20 * Math.random()+1);
Boolean a = true;
System.out.print("Enter a number from 1 to 20: ");
int guess = userInput.nextInt();

if (Snum!=guess) {
    do {
        System.out.print("Try again");
    }
    while (guess==Snum);
```

The loop does not work which is turn out only give user 1 time to guess the number

How to fix it:

```
do {
    System.out.print("Enter a number from 1 to 20: ");
    guess = userInput.nextInt();

    if (guess == Snum) {
        System.out.println("You won");
    }
    else {
        System.out.println("Try again");
    }
}
while (Snum!=guess);
```

Change the order of statements in the loop, to make it run over and over again of guessing until user put in the correct number.