**Document**

Code:

import java.util.Random;

import java.util.Scanner;

public class GenerateRandomNumber {

public static void main(String[] args) {

Random r = new Random();

int count = 0;

int randomNumber = r.nextInt((100 - 1) + 1) + 1;

Scanner input = new Scanner(System.in);

String number = "";

boolean check = false;

do {

System.out.print("Enter Guess Number: ");

try {

number = input.next();

if(number.equals("q"))

{

check = false;

}

else

{

if(randomNumber == Integer.parseInt(number))

check = false;

else

check = true;

count = count + 1;

}

}

catch(Exception ex)

{

System.out.println("Error: "+ex.getMessage());

}

}while(check);

input.close();

System.out.println("Number of Attempts taken: "+count);

}

}

In this program there is no code smell, everything working properly, in this also program also handle exception if any user enter except number and ‘q’, then program not terminated, I handle with try catch block.

Git Repository Details:

Create account in git, then create repository after that, you can push the code in master branch or any other branch you create for project. Please find attached link of repository:

Screenshot of output:

