1. Done
2. Done
3. Please enter your name:

Ethan

You entered: Ethan

1. Please enter your name: Ethan

You entered: Ethan

//I like this one better because it puts my name on the same line as the question.

1. Please enter your name: Ethan

You entered: Ethan

the length of your name is: 5

//the new line counts and prints the amount of words in my name

1. Please enter your name: Harley Quinn

You entered: Harley Quinn

the length of your name is: 12

//the length is different because the code is counting the length of the names which are //different lengths

1. Please enter your name: ethan

You entered: ethan

the length of your name is: 5

the first character is: e

1. Does not compile. Could not get it to compile without adding the line:

Name1 = Fred.nextLine();

1. comparing them: -2

//-2 is the difference in the code directory for letters. M is -2 places away from K.

1. comparing them: 2

//this is because it is the same comparison as the last one except we are moving the opposite way it is positive 2 because M is 2 spaces after K instead of K being -2 spaces behind M.

1. piece1 is upon a tim

//Not what I expected.

1. piece1 is a time

//not what I expected

1. String piece1 = message.substring(28,45);
2. String CapMessage;

CapMessage = message;

System.out.println(CapMessage.toUpperCase());

//I used the toLowerCase method

1. import java.util.Random;
2. Random r = new Random();

int r1 =r.nextInt(76)+1;

System.out.println("your number: "+r1);

//out put was 3, then 38.

1. your number: 1287920624

//I used the New Random method same as in question 16

1. Random r = new Random();

int r1 =r.nextInt(100)+1;

System.out.println("your number: "+r1);

//my output was 85

1. Random r = new Random();

int r1 =r.nextInt(116)+75;

System.out.println("your number: "+r1);

//output was 140

1. int num1=-19;

num1=Math.abs(num1);

System.out.println(num1);

//output was 19

1. double num=97;

num=Math.sqrt(num);

System.out.println(num);

//output is 9.848857801796

1. double num3=-97, num4, num5;

num4=Math.abs(num3);

num5=Math.sqrt(num4);

System.out.println(num5);

//output is 9.848857801796

1. double num6=2, num7=5;

num6=Math.exp(num7);

System.out.println(num6);

//output is 148.4131591025766

1. double num8=16;

num8=Math.sqrt(num8);

System.out.println(num8);

//double

1. yes, because the power .5 is the same as the square root
2. System.out.println("Square root of 16: "+Math.pow(81, .25));

//worked

1. System.out.println("my random number is "+Math.random());

//output is my random number is 0.2616020370931367

1. my random number is 0.2568895804309238

my random number is 0.037904248770390225

my random number is 0.30894737262094485