day8 math

Due:    6th: Thursday 8/26/21
        7th: Friday 8/27/21

Your task today:
1. Create a new repl. Name it "day8 math".  Put your name in a comment at the top.
2. Print a message saying we're going to do some crazy math today.
3. Start a while True: loop.
4. Ask the user to enter two integers, store them into variables a and b.
5. Print out the following information:
    a. Print "you entered" and then print the two numbers.
    b. The square root of a
    c. The square root of b
    d. a raised to the b power
    e. b raised to the a power
    f. a modulo b
    g. b modulo a
    h. Say if a is odd or even
    i. Say if b is odd or even
    j. Say which number is bigger, a or b

        For all of these calculations (letters b through j above) your print calls need to say what is
        happening as shown in my sample output below. So if the square root of a is 4, you need to
        print "The square root of 16 is 4" not just "4".

6. After all of the above, ask the user if they want to run again. If they say no, break out of the loop
   and print a goodbye message, otherwise start over.

Use the above as your checklist. As stated above, please show what each problem is on the same line as
the answer. In other words, instead of just doing this:

```
print(a**.5)
```

do something like this:

```
print("The square root of",a,"is",a**.5)
```

Here is a sample run:

```
We're going to do some crazy math today!

Please enter an integer: 2
Please enter another integer: 5
Now stand back and get ready to be amazed by my mad math skills!

You entered: 2 and 5
The square root of 2 = 1.4142135623730951
The square root of 5 = 2.23606797749979
2 raised to the 5 power = 32
5 raised to the 2 power = 25
When you divide 2 by 5 the remainder is 2
When you divide 5 by 2 the remainder is 1
2 is even
5 is odd
5 is the bigger of the two numbers
Would you like to run again? (y/n) n
Have a good day!
```