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Title: Double-glass module power generation hours

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From what I have read, a value of data type double has an approximate precision of 15 decimal places. However, when I use a number whose decimal representation repeats, ...

Format %lf in printf was not supported in old (pre-C99) versions of C language, which created superficial "inconsistency" between format specifiers for double in printf and scanf.

The term double precision is something of a misnomer because the precision is not really double. The word double derives from the fact that a double-precision number uses twice as many bits ...

494 A Double is not an Integer, so the cast won't work. Note the difference between the Double class and the double primitive. Also note that a Double is a Number, so it has the method ...

Possible Duplicate: long double vs double I am unable to understand the difference between between long double and double in C and C++. Can anyone help?

In my earlier question I was printing a double using cout that got rounded when I wasn't expecting it. How can I make cout print a double using full precision?

A double has a much higher precision due to it's difference in size. If the numbers you are using will commonly exceed the value of a float, then use a double.

I've read about the difference between double precision and single precision. However, in most cases, float and double seem to be interchangeable, i.e.

When should I use double instead of decimal? has some similar and more in depth answers. Using double

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instead of decimal for monetary applications is a micro-optimization - ...

But, in C++, when calling `scanf` and `printf`, the notation used to specify a double is `"%lf"`, and that stands for long float, right? So while a float is less precise than a double, a LONG ...

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