Floating Point Default Print Format

Default Printing Format

* No trailing zeros
* Precision means total digits(excluding the digits used after e).
* Default Precision value is 6.
* When value before decimal point does not fit in 6 digits, power format is used. For example - 1234568.3 is printed as 1.23457e+06.

C++

#include<iostream>

using namespace std;

int main()

{

double x = 1.2300;

cout << x << '\n';

double y = 1567.56732;

cout << y << '\n';

double z = 1244567.45;

cout << z << '\n';

double w = 124456.67;

cout << w << '\n';

double u = 123e+2;

cout << u << '\n';

return 0;

}

**Output**

1.23

1567.57

1.24457e+06

124457

12300