```cpp
// W11_1.cpp : Defines the entry point for the console application.
//             Manipulatory Wejscia/ Wyjscia

#include "stdafx.h"
#include <iostream>
#include <iomanip>
#include <cmath>
using namespace std;


int _tmain(int argc, _TCHAR* argv[])
{
      double a = 3.14159236;
      int i = -15;
      char str[] = "abcdef";

      //get default flags for stream cout
      ios::fmtflags default_flags = cout.flags();

      cout << "default\n";
      cout << a << "   " << i << "   " << str << endl;

      cout << "szerokosc 10" << endl;
      cout << setw(10) << a << "   " << setw(10) << i << "   " << setw(10) << str << endl;

      cout << "szerokosc 10, wyrownanie left" << endl;
      cout << left;
      cout << setw(10) << a << "   " << setw(10) << i << "   " << setw(10) << str << endl;

      cout << "szerokosc 10, wyrownanie internal, pokaz znak liczby" << endl;
      cout << internal << showpos;
      cout << setw(10) << a << "   " << setw(10) << i << "   " << setw(10) << str << endl;
      cout << noshowpos; //usun wydruk znaku liczby

      //set ios flags as default
      cout << setiosflags(default_flags);
      cout << "default\n";
      cout << a << "   " << i << "   " << str << endl;

      //wydruk tabeli
      streamsize mywidth = 10;
      cout << "WYDRUK TABELI" << endl << endl;
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cout << left;
cout << setw(mywidth) << "i" << setw(mywidth) << "log(x)" << setw(mywidth);
cout << "log10(x)" << endl;
for(i=2; i<=10; i++)
{
      cout << setw(mywidth) << i;
      cout << setw(mywidth) << log((double)i);
      cout << setw(mywidth) << log10((double)i);
      cout << endl;
}

cout << endl;
cout << "WYDRUK TABELI" << endl << endl;
cout << left;
mywidth = 20;
cout << setw(5) << "i" << setw(mywidth) << "log(x)" << setw(mywidth);
cout << "log10(x)" << endl;
cout << setprecision(3) << setfill('_') << scientific;
for(i=2; i<=10; i++)
{
      cout << setw(5) << i;
      cout << setw(mywidth) << log((double)i);
      cout << setw(mywidth) << log10((double)i);
      cout << endl;
}

cout << endl;
cout << "WYDRUK TABELI" << endl << endl;
cout << right;
mywidth = 20;
cout << setw(5) << "i" << setw(mywidth) << "log(x)" << setw(mywidth);
cout << "log10(x)" << endl;
cout << setprecision(3) << setfill(' ') << scientific << showpos;
for(i=2; i<=10; i++)
{
      cout << setw(5) << i;
      cout << setw(mywidth) << log((double)i);
      cout << setw(mywidth) << log10((double)i);
      cout << endl;
}

system("pause");
```

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        return 0;
}
```