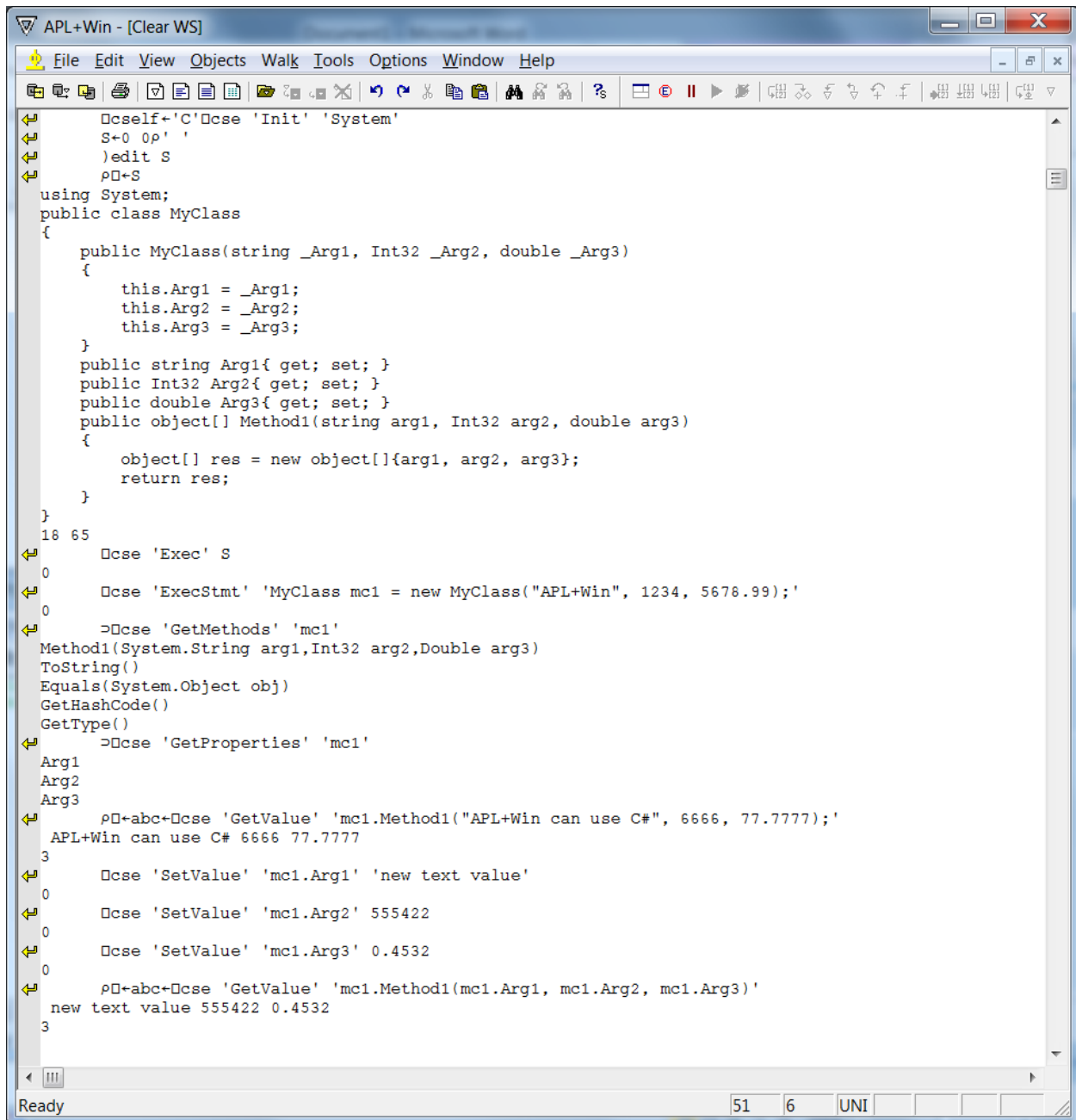


Some examples of using the CSE to:

- Define a C# class with properties and methods
- Create an instance of that class instance
- Modify the properties of that class instance
- Execute a method in that class using
 - Explicit arguments
 - Arguments which are the values of properties of the class
 -



The screenshot shows the APL+Win IDE window titled "APL+Win - [Clear WS]". The menu bar includes File, Edit, View, Objects, Walk, Tools, Options, Window, and Help. The toolbar contains various icons for file operations, editing, and execution. The main text area displays C# code for a class named MyClass and APL code for its execution. The APL code includes comments in Chinese and English, and the output shows the results of the execution.

```
⌋cself+'C'⌋cse 'Init' 'System'
S←0 0ρ' '
)edit S
ρ⌋+S
using System;
public class MyClass
{
    public MyClass(string _Arg1, Int32 _Arg2, double _Arg3)
    {
        this.Arg1 = _Arg1;
        this.Arg2 = _Arg2;
        this.Arg3 = _Arg3;
    }
    public string Arg1{ get; set; }
    public Int32 Arg2{ get; set; }
    public double Arg3{ get; set; }
    public object[] Method1(string arg1, Int32 arg2, double arg3)
    {
        object[] res = new object[]{arg1, arg2, arg3};
        return res;
    }
}
18 65
⌋cse 'Exec' S
0
⌋cse 'ExecStmt' 'MyClass mc1 = new MyClass("APL+Win", 1234, 5678.99);'
0
>⌋cse 'GetMethods' 'mc1'
Method1(System.String arg1,Int32 arg2,Double arg3)
ToString()
Equals(System.Object obj)
GetHashCode()
GetType()
>⌋cse 'GetProperties' 'mc1'
Arg1
Arg2
Arg3
⌋cse 'GetValue' 'mc1.Method1("APL+Win can use C#", 6666, 77.7777);'
APL+Win can use C# 6666 77.7777
3
⌋cse 'SetValue' 'mc1.Arg1' 'new text value'
0
⌋cse 'SetValue' 'mc1.Arg2' 555422
0
⌋cse 'SetValue' 'mc1.Arg3' 0.4532
0
⌋cse 'GetValue' 'mc1.Method1(mc1.Arg1, mc1.Arg2, mc1.Arg3)'
new text value 555422 0.4532
3
```

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