

Listing 1: Some Code

```
1 namespace VarzovVI_1
2 {
3     class Program
4     {
5         static void Main(string[] args)
6         {
7             double x, y, z;
8
9             Console.WriteLine("X:");
10            x = Convert.ToDouble(Console.ReadLine());
11
12            Console.WriteLine("Y:");
13            y = Double.Parse(Console.ReadLine());
14
15            Console.WriteLine("Z:");
16            z = Convert.ToDouble(Console.ReadLine());
17
18            double a = (3 + Math.E) / (1 + x * x);
19            double b = 1 + Math.Pow(x, 3) + (Math.Pow(Math.Abs
20                (y - x), 3) / 3);
21
22            Console.WriteLine("a = " + a + "\tb = " + b);
23            Console.WriteLine("a = {0:G5}\tb = {1:f2}", a, b);
24            Console.WriteLine("a = {0:0.0000}\tb = {1:###.###}",
25                a, b);
26        }
27    }
28 }
29
30
31 }
```

```
int main(void)
{
    int i, j;

    for (i=0; i<3; ++i) {
        for (j=0; j<3; ++j) printf("%5.1f", m[i*3+j]);
        putchar('\n');
    }

    cblas_dgemv(CblasRowMajor, CblasNoTrans, 3, 3, 1.0, m, 3, x, 1, 0.0, y, 1);

    for (i=0; i<3; ++i) printf("%5.1f\n", y[i]);

    return 0;
}
```