

Opgave 7.3

```
import java.awt.Color;

public class A implements Function {
    public double apply(double x) {
        return 5 * x;
    }
}

public class B implements Function {
    public double apply(double x) {
        return 2 * x * x;
    }
}

public class C implements Function {
    public double apply(double x) {
        return 0.5 * x * x * x;
    }
}

public class D implements Function {
    public double apply(double x) {
        return 0.2 * Math.pow(Math.E, x);
    }
}

public class E implements Function {
    public double apply(double x) {
        return Math.log(x);
    }
}

public class Plot73 extends MultiPlotter {
    public void initMultiPlotter() {
        addFunction(new A(), Color.green);
        addFunction(new B(), Color.blue);
        addFunction(new C(), Color.red);
        addFunction(new D(), Color.black);
        addFunction(new E(), Color.gray);
    }
}
```

```
<HTML>
<BODY BGCOLOR=black TEXT=white>
  <APPLET CODEBASE="Java Classes" CODE=Plot73.class
    WIDTH=1000 HEIGHT=600>
    <PARAM NAME=xorigin VALUE=500>
    <PARAM NAME=yorigin VALUE=300>
    <PARAM NAME=xratio VALUE=50>
    <PARAM NAME=yratio VALUE=30>
  </APPLET>
</BODY>
</HTML>
```

