

Tugas 3 Visualisasi Data

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Soal 1

```
4_Tugas.plt x
1  set xlabel "{/Symbol a}"
2  set ylabel "{/Symbol b}"
3
4  set xrange [-1:12]
5  set yrange [0:190]
6
7  set xtics 0,2,10
8  set ytics 0,20,180
9
10 set key top center
11
12 a = 0.01
13 b = 0.01
14 c = 0.01
15 f(x) = a*x**2 - b*x + c
16 fit f(x) "data7.dat" using 1:2 via a, b, c
17
18 d = 0.01
19 e = 0.01
20 g(x) = d*x + e
21 fit g(x) "data7.dat" using 1:3 via d, e
22
23 p "data7.dat" u 1:2 w p pt 8 lc 7 t "{/Symbol e}_1",\
24 "data7.dat" u 1:3 w p pt 12 lc 6 t "{/Symbol e}_2",\
25 f(x) w l dt 3 lc 7 t "{/Symbol e}_1 fit",\
26 g(x) w l dt 3 lc 6 t "{/Symbol e}_2 fit"
27
```

