

```
1 % Task Set E
2 clc;
3 close all;
4 grid on;
5
6 t = 0:0.1:24;
7 Ta = 77 - 12 * exp(-0.2 * t);
8 Tb = 77 - 12 * exp(-2 * t);
9 Tc = 77 + 18 * exp(-0.2 * t);
10 Td = 77 + 18 * exp(-2 * t);
11
12 plot(t, Ta);
13 hold on;
14 plot(t, Tb);
15 plot(t, Tc);
16 plot(t, Td);
17 xlabel('t');
18 ylabel('Temperature');
19 legend('Ta', 'Tb', 'Tc', 'Td');
20 title('Task Set E');
21
```