

```
1 % Task Set D
2 clc;
3 close all;
4 grid on;
5
6 t = 0:0.1:24;
7 T = (56/3) * atan(tanh((3/8) * (t - 10))) + 79.6504;
8
9 plot(t, T);
10 xlabel('t');
11 ylabel('T(t)');
12 title('Task Set D');
13
14 disp('Max T:');
15 disp(max(T));
16 disp('Min T:');
17 disp(min(T));
18
```