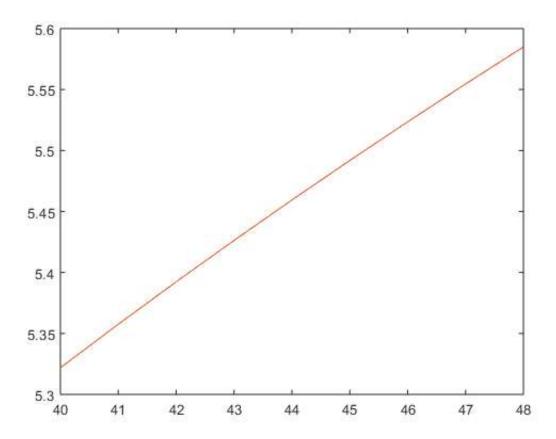
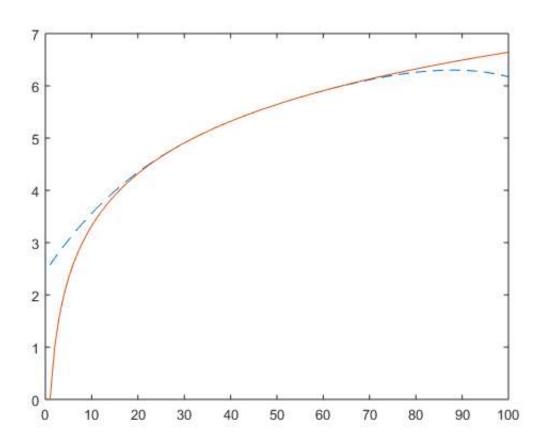
```
clear;
clc;
format long
x=40:1:48
figure();
title('LogInterpol(x) vs Log2 [40,48]')
xlabel('x')
ylabel('y')
plot(x, LogInterpol(x), '--', x, log2(x))
x=1:100;
figure();
title('LogInterpol(x) vs Log2 [1,100]')
xlabel('x')
ylabel('y')
plot(x, LogInterpol(x), '--', x, log2(x))
x=40:48;
figure()
title('Fehlerfunktion')
plot(x, abs(log2(x)-LogInterpol(x)))
y=LogInterpol(45.254834)
x = log2(45.254834)
```

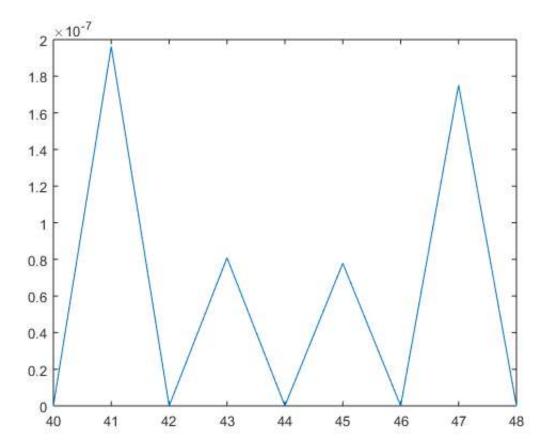
```
x =
    40    41    42    43    44    45    46    47    48

y =
    5.499999924541300

x =
    5.500000000129461
```







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