Aufgabe2 Towers of Hanoi

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Data

The runtime was measured with the linux time command for disks of number $3, 5, 7, \ldots 25$.

```
runtime <- c(0.04, 0.04, 0.043, 0.049, 0.046, 0.073, 0.141, 0.415, 1.542, 5.888, 18.750, 77.715)

input_number <- c(3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25)

df <- data.frame(input_number, runtime)
```

Plot

```
library(ggplot2)
p <- ggplot(df, aes(x=input_number, y=runtime)) + geom_line(size=1) + geom_point(size=2)
p + xlab("input number") + ylab("runtime in seconds")
```