

Aufgabe 1.1 Muuuuuuhuuu Trace Table

| Z | i | result (string) | _start (string) | _length (number) | k (number) | Kommentar |
|----|---|-----------------|-----------------|------------------|------------|---------------------------------|
| 3 | 0 | | | | | 0<3 passt |
| 4 | | | | | | createCall("m", 2), result |
| 8 | | | "m" | 2 | | _start, _length |
| 9 | | | | | 2 | 2>0 passt, k |
| 10 | | | | | | 2/=1, 2/=1 |
| 12 | | | "mu" | | | |
| 9 | | | | | 1 | 1>0 passt |
| 10 | | | | | | 1==1 passt |
| 11 | | | "muh" | | | |
| 12 | | | "muhu" | | | |
| 9 | | | | | | 0>0 passt nicht-> Schleife done |
| 14 | | | | | | return "muhu" |
| 4 | | "muhu" | | | | |
| 5 | | | | | | console.log ("muhu") |
| 3 | 1 | | | | | 1<3 passt |
| 4 | | | | | | createCall("m", 6) |
| 8 | | | "m" | 6 | | |
| 9 | | | | | 6 | 6>0 passt |
| 10 | | | | | | 6/=1, 6/=3 |
| 12 | | | "mu" | | | |
| 9 | | | | | 5 | 5>0 passt |
| 10 | | | | | | 5/=1, 5/=3 |
| 12 | | | "muu" | | | |
| 9 | | | | | 4 | 4>0 |
| 10 | | | | | | 4/=1, 4/=3 |
| 12 | | | "muuu" | | | |
| 9 | | | | | 3 | 3>0 |
| 10 | | | | | | 3/=1, 3==3 |
| 11 | | | "muuuh" | | | |
| 12 | | | "muuuhu" | | | |
| 9 | | | | | 2 | 2>0 |
| 10 | | | | | | 2/=1, 2/=1 |
| 12 | | | "muuuuhuu" | | | |

| Z | i | result (string) | _start (string) | _length (number) | k (number) | Kommentar |
|----|---|-----------------|-----------------|------------------|------------|----------------------------------|
| 9 | | | | | 1 | 1>0 |
| 10 | | | | | | 1==1, 1/=2 |
| 11 | | | "muuuuuuhu" | | | |
| 9 | | | | | 0 | 0 nicht größer als 0 :D |
| 14 | | | | | | return _start |
| 4 | | "muuuuuuhu" | | | | |
| 5 | | | | | | console.log ("muuuuuuhu") |
| 3 | 2 | | | | | i<3 |
| 4 | | | | | | createCall("m", 5) |
| 8 | | | "m" | 5 | | |
| 9 | | | | | 5 | 5>0 |
| 10 | | | | | | 5/=1, 5/=2.5 |
| 12 | | | "mu" | | | |
| 9 | | | | | 4 | 4>0 |
| 10 | | | | | | 4/=1, 4/=2.5 |
| 12 | | | "muu" | | | |
| 9 | | | | | 3 | 3>0 |
| 10 | | | | | | 3/=1, 3/=2.5 |
| 12 | | | "muuu" | | | |
| 9 | | | | | 2 | 2>0 |
| 10 | | | | | | 2/=1, 2/=2.5 |
| 12 | | | "muuuu" | | | |
| 9 | | | | | 1 | 1>0 |
| 10 | | | | | | 1==1, (2/=2.5) |
| 11 | | | "muuuuh" | | | |
| 12 | | | "muuuuhu" | | | |
| 9 | | | | | 0 | 0>0 passt nicht -> schleife done |
| 14 | | | | | | return _start |
| 4 | | "muuuuuuhu" | | | | |
| 5 | | | | | | console.log ("muuuuuuhu") |
| 3 | 3 | | | | | 3<3 stimmt nicht -> fertig |

Erwartetes Ergebnis: Am Anfang dachte ich das ganz einfach nur Muh Muh Muh ausgegeben wird. Nachdem ich dann den Trace Table mit Jeanna bearbeitet habe war die Ausgabe etwas komplexer.

Die Ausgabe ist:

[Log] muhu (cows.js, line 6)

[Log] muuuuuuu (cows.js, line 6)

[Log] muuuuuu (cows.js, line 6)