

Chapter 2

2.1

1. $^{\wedge}[a-zA-Z]^+\$$
2. $^{\wedge}[a-z]^*ab\$$
3. $^{\wedge}b^*[ba+a]^*b+\$$

2.2

1. $^{\wedge}([a-zA-Z]^+)\backslash\$+\backslash1\$$
2. $^{\wedge}[0-9]^+\backslash\$.*\backslashb[a-zA-Z]^+\backslashb\$$
3. $^{\wedge}(?=.*\backslashbgroto/b)(?=.*\backslashbrauen/b).*\$$
4. $^{\wedge}[^{\wedge}a-zA-Z]^*\backslashb[a-zA-Z]^+\backslashb$

2.4

	#	e	e	d	a
#	0	←1	←2	←3	←4
d	↑1	↖1	↖2	↖2	←3
e	↑2	↑↖2	↖1	↖2	↖3
a	↑3	↖↑3	↑2	↖2	↖2
e	↑4	↖↑3	↑3	↖↑3	↖↑3

2.5

driver → divers : Edit distance: 2 → closer

driver → brief : Edit distance: 3