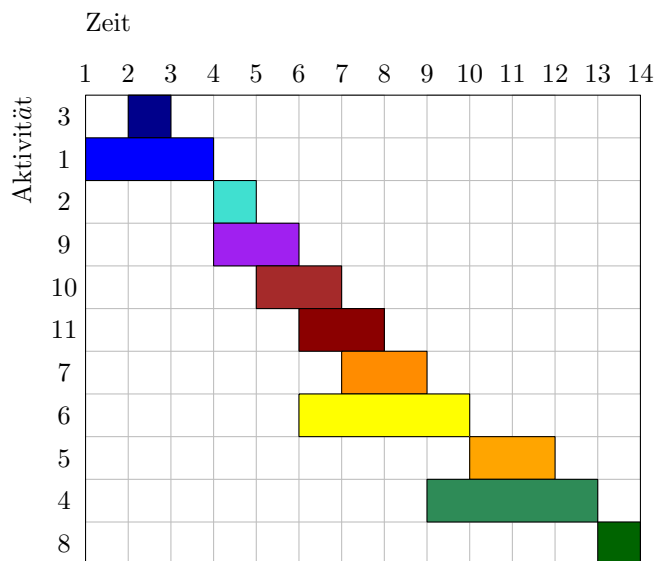


Aufgabe 1



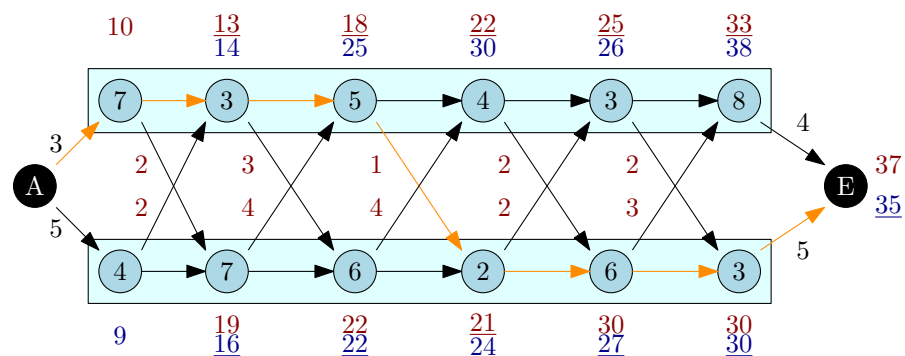
1. Sortieren nach aufsteigender Endzeit

i	s_i	f_i
3	2	3
2	4	5
10	5	7
7	7	9
5	10	12
8	13	14

2. Auswahl der Aktivitäten.

i	s_i	f_i
3	2	3
2	4	5
10	5	7
7	7	9
5	10	12
8	13	14

Aufgabe 2

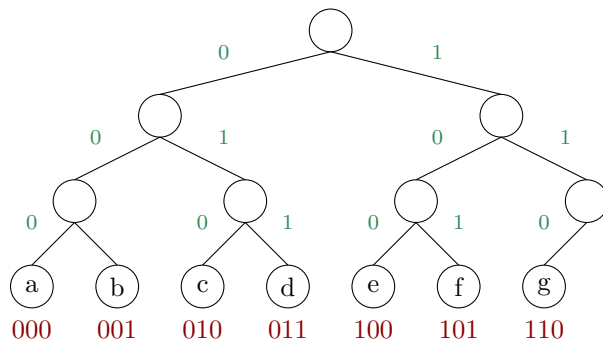


$A_i(j)$	1	2	3	4	5	6	E
1	10	13	18	22	25	33	37
2	9	16	22	21	27	30	35

j	2	3	4	5	6
l_1	1	1	1	1	1
l_2	2	2	1	2	2

Aufgabe 3

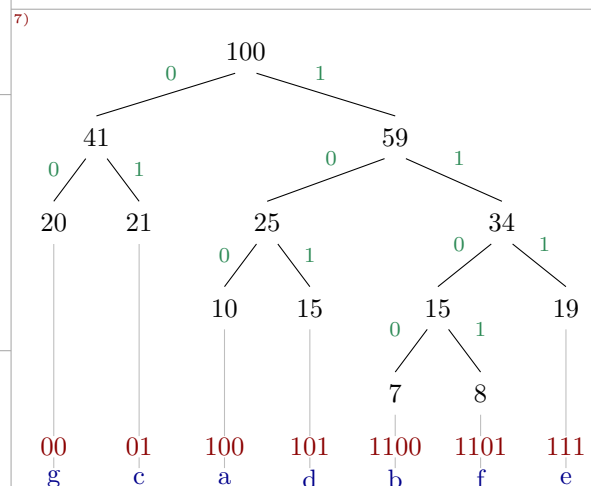
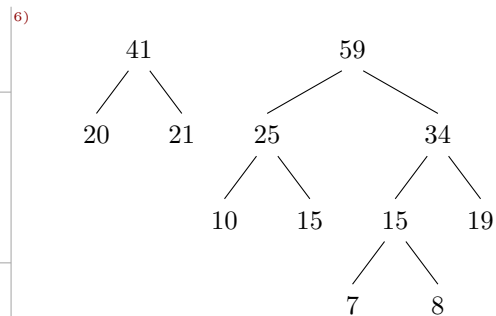
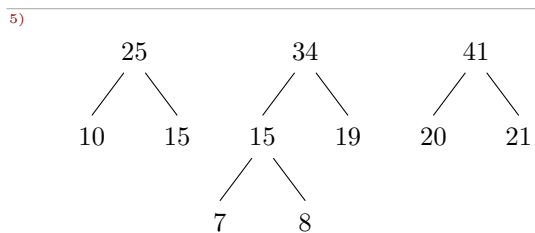
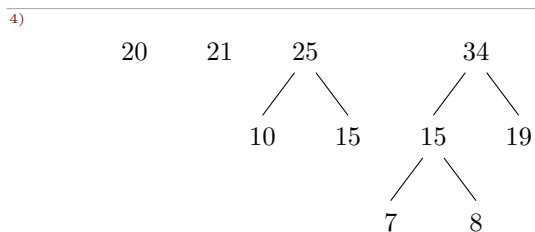
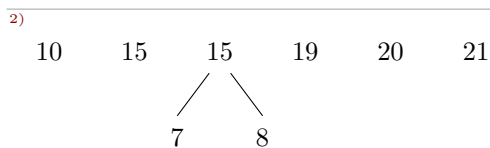
a)



$$3 * (1000 + 700 + 2100 + 1500 + 1900 + 800 + 2000) \\ = 3 * 10000 = 30000$$

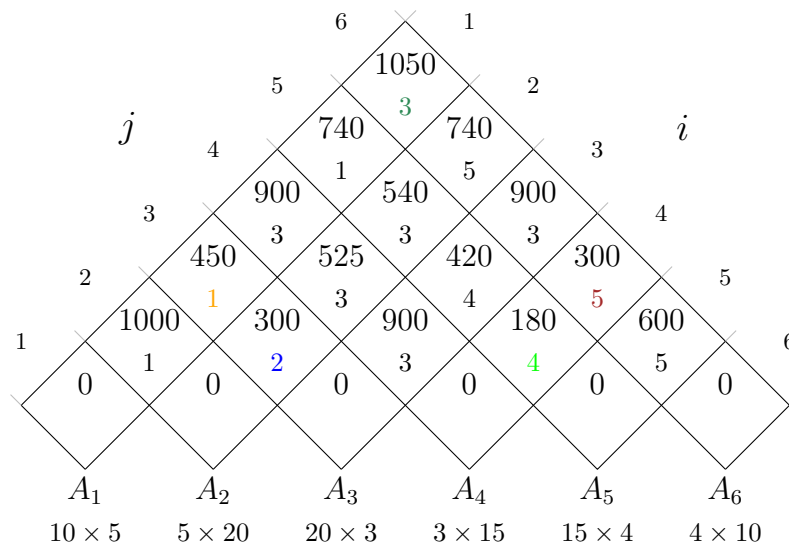
b)

1) 7 8 10 15 19 20 21



$$(41 * 2 + 25 * 3 + 15 * 4 + 19 * 3) * 100 = (82 + 75 + 60 + 57) * 100 \\ = 274 * 100 = 27400 \Rightarrow \frac{27400}{30000} \approx 0.9133 = 91.22\%$$

Aufgabe 4



$$\Rightarrow ((A_1)((A_2)(A_3)))((A_4)(A_5))(A_6))$$

i = 1; j = 3

1	450	*
2	1600	

i = 1; j = 4

1	$0 + 525 + 10 * 5 * 15 = 1275$	
2	$1000 + 900 + 10 * 20 * 15 = 4900$	
3	$450 + 0 + 10 * 3 * 15 = 900$	*