Exercises CLST

Consider the following clst instance $cap_t = 10$

$item1$						$item2$					
$period$	1	2	3	4	5	$period$	1	2	3	4	5
d	2	4	3	2	2	d	1	2	4	2	5
vc	2	3	2	3	2	vc	3	2	3	2	3
hc	2	2	2	2	2	hc	2	2	2	2	2
sc	5	5	5	5	5	sc	15	5	15	5	15
st	2	2	2	2	2	st	2	2	2	2	2
vt	1	1	1	1	1	vt	1	1	1	1	1
fc	10	10	10	10	10	fc	10	10	10	10	10

Exercise 1.1

In the network reformulation model what is the value of cv_{124} ?

Exercise 1.2

Find a feasible solution in the network reformulation. State the nonzero values of y_{it}, w_{it} and zv_{itk}

Exercise 1.3

Translate the values of the network reformulation solution to values in the original CLST model. State the nonzero values of si_i, y_{it}, x_{it} and s_{it}