1)

	T_1	T_2	T_3	T_4
T_1	T	F	F	F
T_2	F	T	T	F
T_3	F	T	T	F
T_4	F	F	F	T

	T_5	T_6	T_7
T_5	T	T	F
T_6	T	T	F
T_7	F	F	T

$T_1, T_2, \ldots T_7$ are all equivalent to themselves. T_2 is equivalent to T_3 since both point to an int. T_5 is equivalent to T_6 since both are structurally equivalent.

2)
       1) 3, 1, 0, 0 (see pg2)
       2) 2, 0, 1, 0 (see pg2)
       3) 0, 1, 0, 0 (see pg2)

3) See pg2.

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CSE 340 Assignment 2

1)

a — $\boxed{\varnothing \; \boxed{\text{b}}}$ a = b

b — $\boxed{\varnothing \; \varnothing \; \boxed{\text{3}}}$ b = x+y

c_0 — $\boxed{\boxed{\text{0}}}$

c_1 — $\boxed{\boxed{\text{6}}}$

c_2 — $\boxed{\boxed{\text{0}}}$

x — $\boxed{\boxed{\text{1}}}$ x = x+1

y — $\boxed{\boxed{\text{2}}}$ y = y+1

z — $\boxed{\boxed{\text{0}}}$ z = z+1

2)

a — $\boxed{\varnothing \; \varnothing \; \boxed{\text{3}}}$ x — $\boxed{\boxed{\varnothing} \text{0}}$

b — $\boxed{\varnothing \; \varnothing \; \boxed{\text{2}}}$ - - - -y — $\boxed{\varnothing \boxed{\text{0}}}$

c_0 — $\boxed{\boxed{\text{0}}}$

c_1 — $\boxed{\boxed{\varnothing}}$ - - - z — z — $\boxed{\boxed{\text{0}}}$

c_2 — $\boxed{\boxed{\text{1}}}$

c_3 — $\boxed{\boxed{\text{0}}}$

3)

a — $\boxed{\boxed{\varnothing} \boxed{\varnothing} \boxed{\text{0}}}$

b — $\boxed{\boxed{\varnothing} \boxed{\varnothing} \boxed{\varnothing} \boxed{\text{2}}}$

c_0 — $\boxed{\boxed{\text{0}}}$

c_1 — $\boxed{\boxed{\text{0}}}$

c_2 — $\boxed{\boxed{\varnothing} \boxed{\text{1}}}$

3)

	FFFF
	← esf₀
ebp₀	← esp/ebp main
x	
0	← esf
x=1	
eip	
ebp main	
1	← esp
x=2	
ebp main	
x=2	← location 1