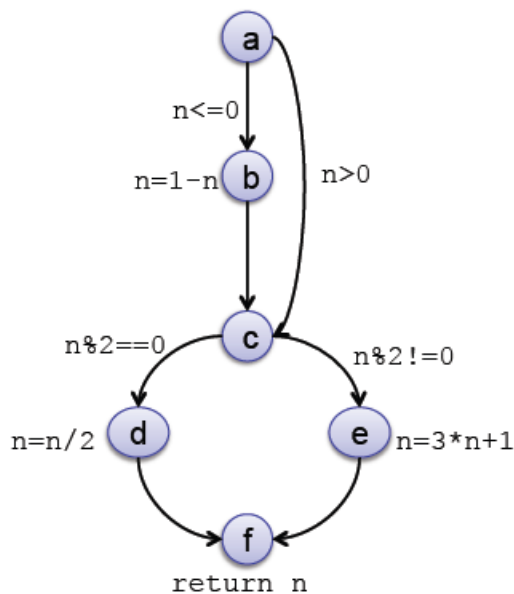
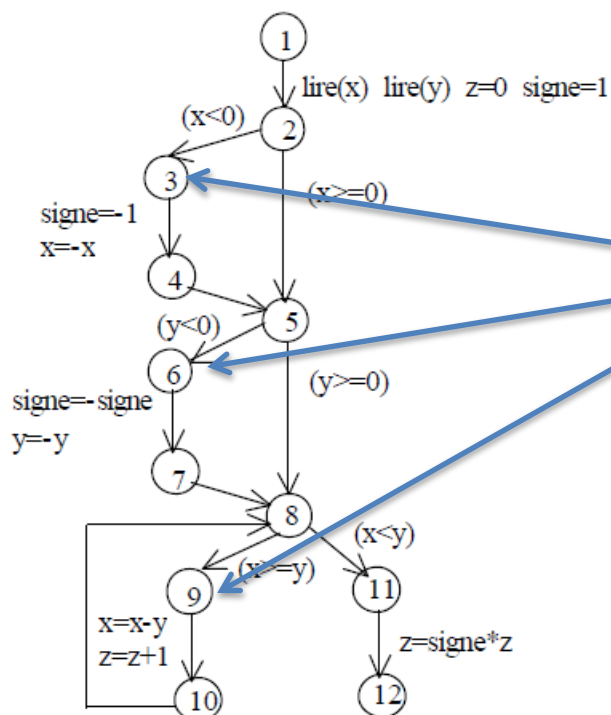


AnswersExercise 1 : CFG

2. path expression : $a(1+b)c(e+d)f$

Exercise 2 :

a)



We can minimise some nodes

b) noeuds	1 2 3 4 5 6 7 8 9 10 11 12
jeu d'essai	(x=-5, y=-2)
c) noeuds	1 2 5 8 11 12 et
	1 2 3 4 5 6 7 8 9 10 11 12
jeu d'essai	(x=2, y=5) et (x=-5, y=-2)
d) noeuds	1 2 5 8 11 12 et
	1 2 5 8 9 10 11 12
	1 2 3 4 5 8 11 12
	et 1 2 3 4 5 8 9 10 11 12
	1 2 5 6 7 8 11 12
	et 1 2 5 6 7 8 9 10 11 12
	1 2 3 4 5 6 7 8 11 12
	et 1 2 3 4 5 6 7 8 9 10 11 12
jeu d'essai	(x=2, y=5) (x=5, y=2)
	(x=-2, y=5) (x=-5, y=2)
	(x=2, y=-5) (x=5, y=-2)
	(x=-2, y=-5) (x=-5, y=-2)

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