## **Homework #1 Solutions**

Exercise9.2.1 Solution:

	Gen	Kill	IN	OUT
<b>B</b> 1	(1),(2)	(8),(10),(11)		(1),(2)
B2	(3),(4)	(5),(6)	(1),(2),(3),(5),(8),(9)	(1),(2),(3),(4),(8),(9)
В3	(5)	(4),(6)	(1),(2),(3),(4),(6),(7),(8),(9)	(1),(2),(3),(5),(7),(8),(9)
<b>B4</b>	(6),(7)	(4),(5),(9)	(1),(2),(3),(5),(7),(8),(9)	(1),(2),(3),(6),(7),(8)
В5	(8),(9)	(2),(7),(11)	(1),(2),(3),(5),(7),(8),(9)	(1),(3),(5),(8),(9)
<b>B6</b>	(10),(11)	(1),(2),(8)	(1),(3),(5),(8),(9)	(3),(5),(9),(10),(11)

## Exercise 9.2.2 Solution:

Expressions: <1>a+b; <2>c-a; <3>b+d; <4>e+1; <5>b\*d; <6>a-d

	Gen	Kill	IN	OUT
B1		<1><2><3><5><6>		
B2	<1><2>	<3><5><6>		<1><2>
В3		<3><5><6>	<1><2>	<1><2>
B4	<1>	<3><4><5><6>	<1><2>	<1><2>
В5	<2>	<1><3><4><5>	<1><2>	<2>
В6	<6>	<1><2><3><5>	<2>	<6>

## Exercise 9.2.3 Solution:

	Use	Def	IN	OUT
B1		a, b	е	a, b, e
B2	a, b	c, d	a, b, e	a, b, c, d, e
В3	b, d		a, b, c, d, e	a, b, c, d, e
B4	a, b, e	d	a, b, c, e	a, b, c, d, e
B5	a, b, c	e	a, b, c, d	a, b, d, e
B6	b, d	a	b, d	