<u>Lab6</u>

Code 1

1. **Printed** =>
   ➢ Undefined => 8 => 8 => 9 => 10 => 1
2. **Lexical Environment**

f Anonymous Context	f EC in creation
	LE:{
	outer: c,
	arguments:{0: 8, 1: 9, 2: 10,length:3},
	a: 8,
	b: 10, // b: 9 => 8 => 10
	c: 10,
	x: 5
	}

	f EC in creation
	LE:{
	outer: c,
	arguments:{0: 8, 1: 9, 2: 10,length:3},
	a: 8,
	b: 9,
	c: 10,
	x: undefined
	}

c Anonymous Context	c EC in execution
	LE:{
	outer: Global,
	arguments:{0: 8, 1: 9, 2: 10,length:3},
	a: 8,
	b: 9,
	c: 10,
	f: fn,
	x: 10
	}

	c EC in creation
	LE:{
	outer: Global,
	arguments:{0: 8, 1: 9, 2: 10,length:3},
	a: 8,
	b: 9,
	c: 10,
	f: undefined,
	x: undefined
	}

Global Context	Global EC in execution
	LE:{
	outer: null,
	a: 5,
	b: 10,
	c: fn,
	x: 1
	}
	Global EC in creation
	LE:{
	outer: null,
	a: undefined,
	b: undefined,
	c: undefined
	},
	TDZ: {x} // no "use strict". If "use strict", it will get error.

Call Stack

Code 2

1. **Printed** =>
   - ➢ 81 => 25
2. **Lexical Environment**

myFunction Context	myFunction EC in execution
	LE:{
	outer: global,
	arguments:{length:0}
	}

	myFunction EC in creation
	LE:{
	outer: global,
	arguments:{length:0}
	}

Global Context	Global EC in execution
	LE:{
	outer: null,
	x: 5, // x: 9 => 5
	myFunction : fn
	}

	Global EC in creation
	LE:{
	outer: null,
	x: undefined,
	myFunction : fn
	}

Call Stack

Code 3

1. **Printed** =>
   - ➢ 10
2. **Lexical Environment**

bar Context	bar EC in execution
	LE:{
	outer: global,
	arguments:{length:0},
	foo: 10
	}

	bar EC in creation
	LE:{
	outer: global,
	arguments:{length:0},
	foo: undefined
	}

Global Context	Global EC in execution
	LE:{
	outer: null,
	foo: 1,
	bar: fn
	}

	Global EC in creation
	LE:{
	outer: null,
	foo: undefined,
	bar: fn
	}

Call Stack