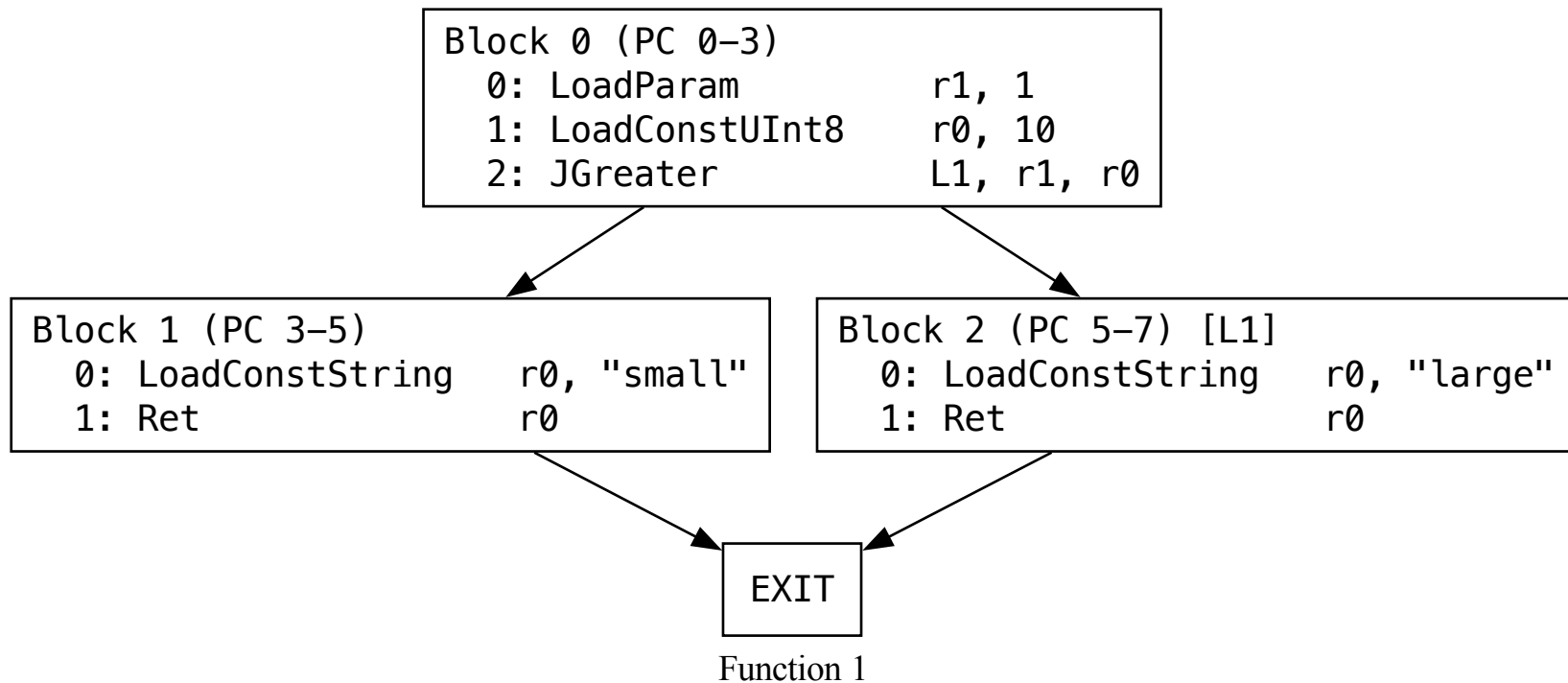


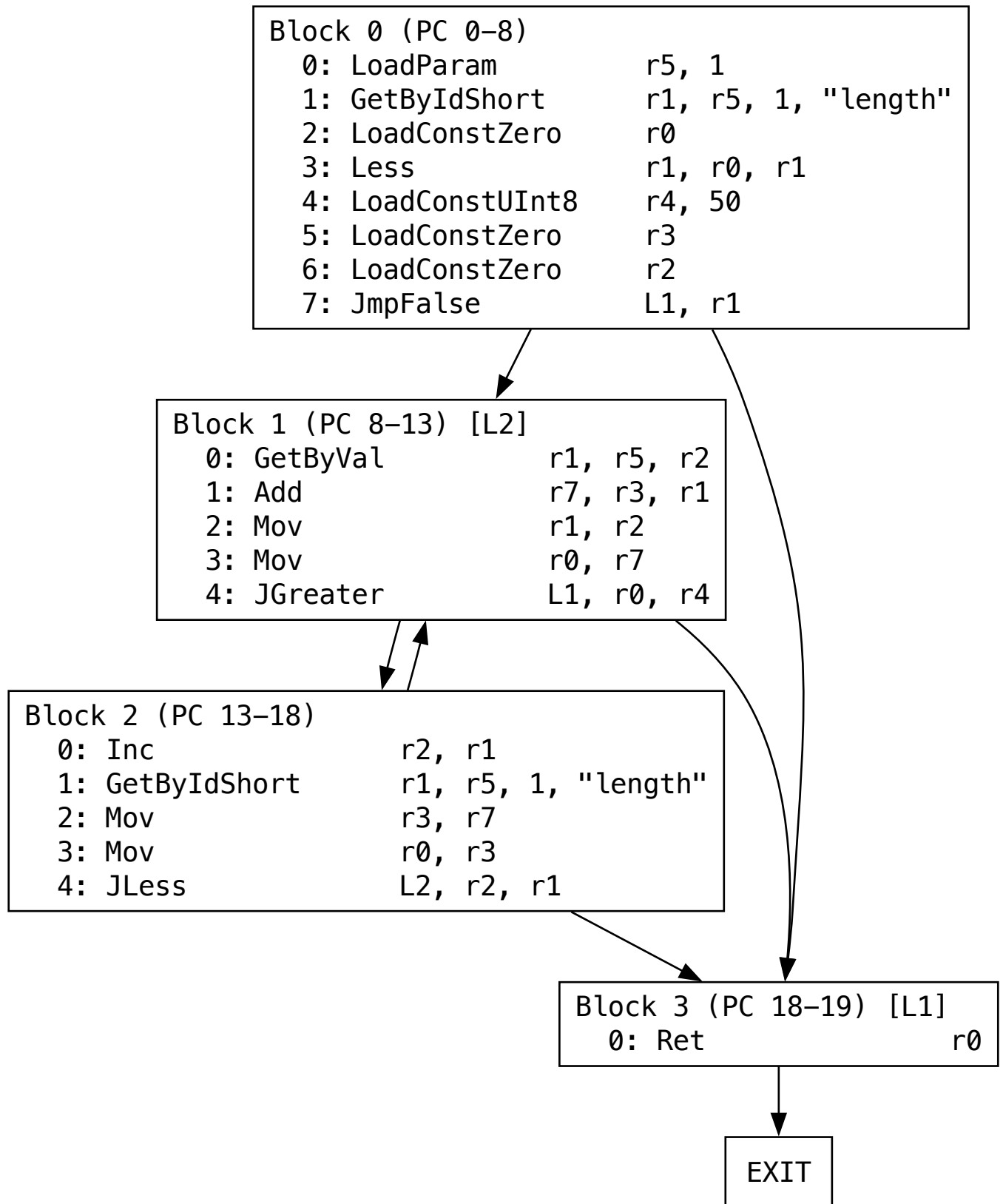
Block 0 (PC 0–33)

```
0: DeclareGlobalVar "ifElseTest"
1: DeclareGlobalVar "forLoopTest"
2: DeclareGlobalVar "switchTest"
3: DeclareGlobalVar "whileTest"
4: DeclareGlobalVar "tryCatchTest"
5: DeclareGlobalVar "asyncAwaitTest"
6: DeclareGlobalVar "promiseChainTest"
7: DeclareGlobalVar "generatorTest"
8: DeclareGlobalVar "callbackTest"
9: CreateEnvironment r1
10: CreateClosure    r0, r1, Function<ifElseTest>1
11: GetGlobalObject  r2
12: PutById          r2, r0, 1, "ifElseTest"
13: CreateClosure    r0, r1, Function<forLoopTest>2
14: PutById          r2, r0, 2, "forLoopTest"
15: CreateClosure    r0, r1, Function<switchTest>3
16: PutById          r2, r0, 3, "switchTest"
17: CreateClosure    r0, r1, Function<whileTest>4
18: PutById          r2, r0, 4, "whileTest"
19: CreateClosure    r0, r1, Function<tryCatchTest>5
20: PutById          r2, r0, 5, "tryCatchTest"
21: CreateAsyncClosure r0, r1, Function<asyncAwaitTest>6
22: PutById          r2, r0, 6, "asyncAwaitTest"
23: CreateClosure    r0, r1, Function<promiseChainTest>9
24: PutById          r2, r0, 7, "promiseChainTest"
25: CreateClosure    r0, r1, Function<generatorTest>12
26: PutById          r2, r0, 8, "generatorTest"
27: CreateClosure    r0, r1, Function<callbackTest>15
28: PutById          r2, r0, 9, "callbackTest"
29: CreateClosure    r0, r1, Function<sleep>17
30: StoreToEnvironment r1, 0, r0
31: LoadConstUndefined r0
32: Ret              r0
```

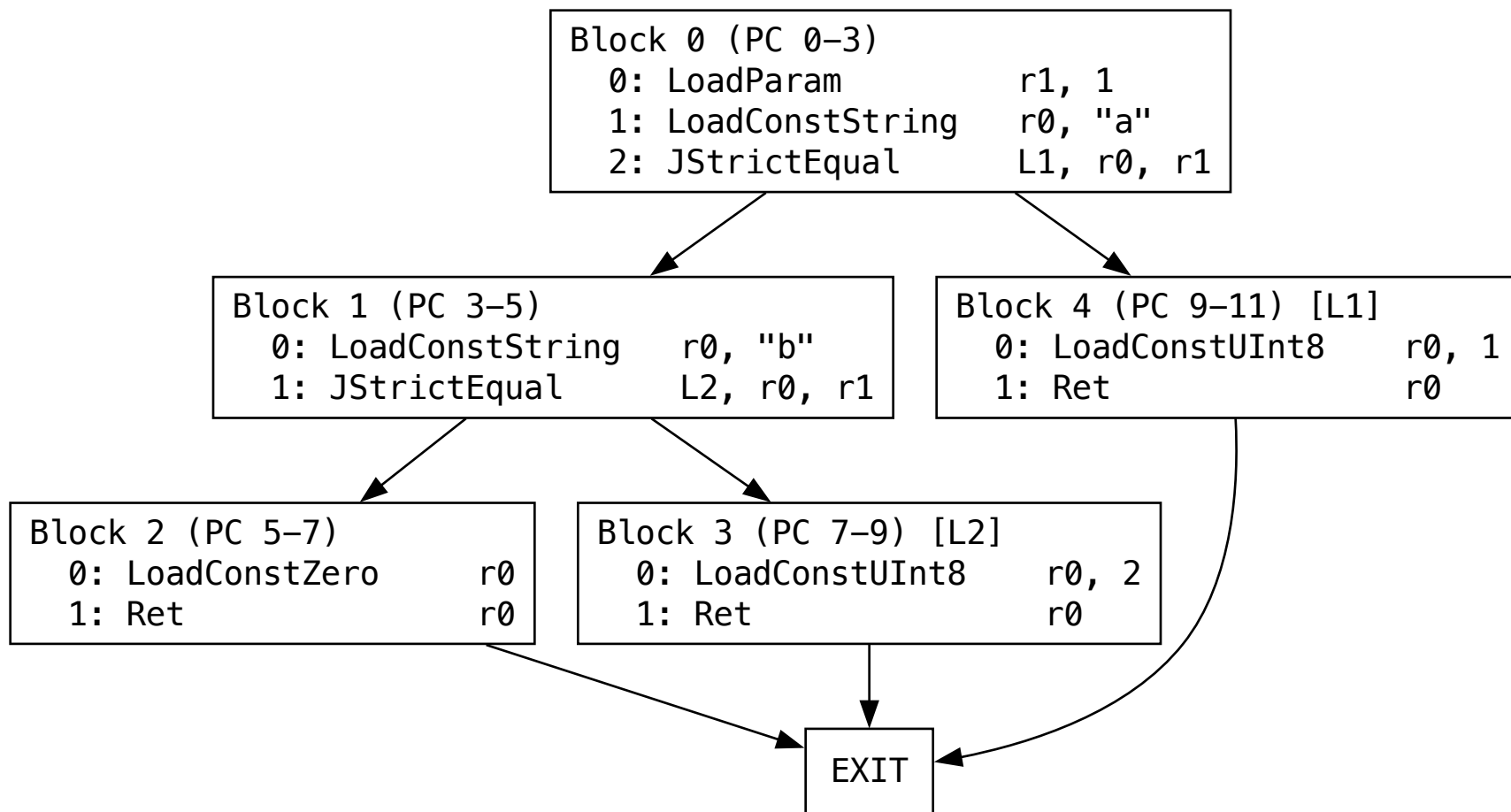
EXIT

Function 0

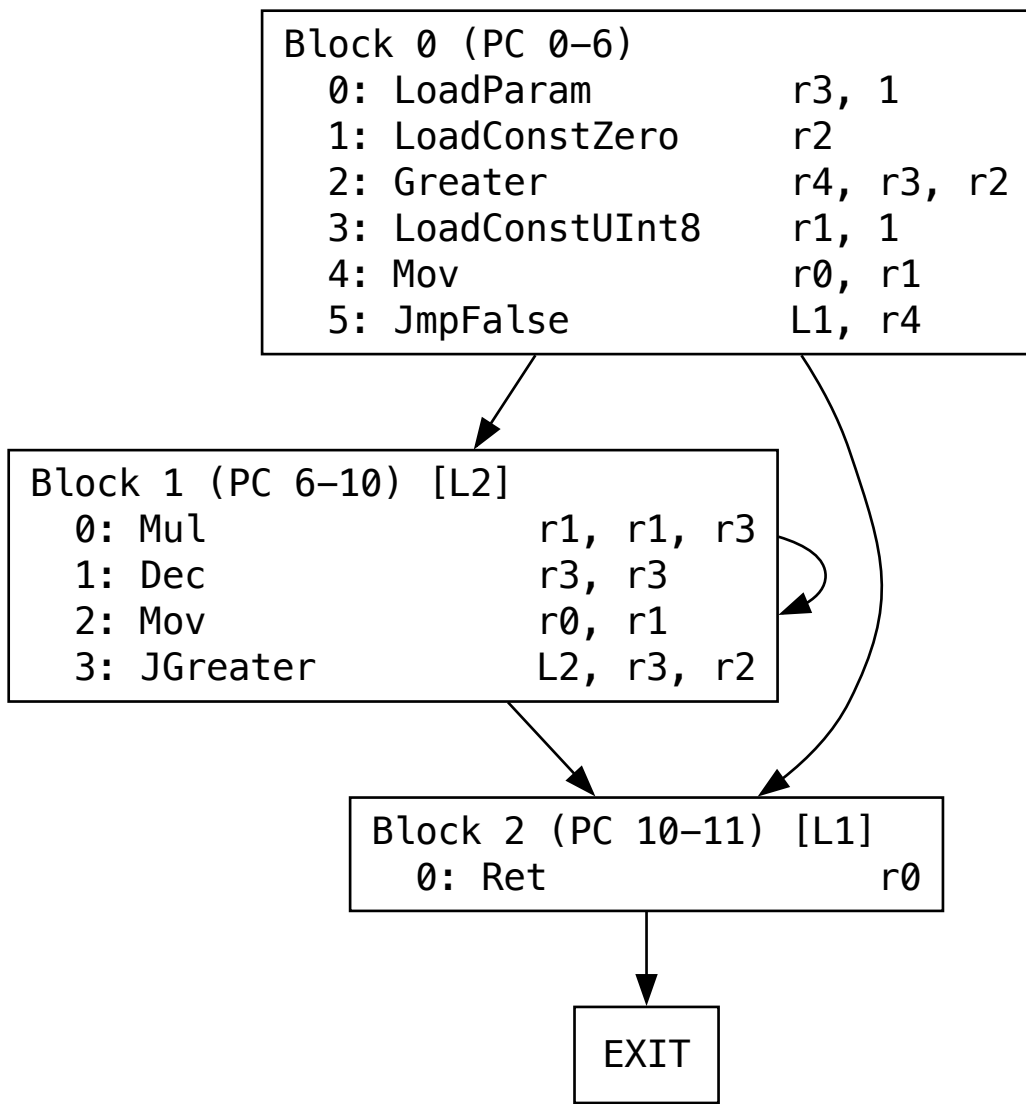




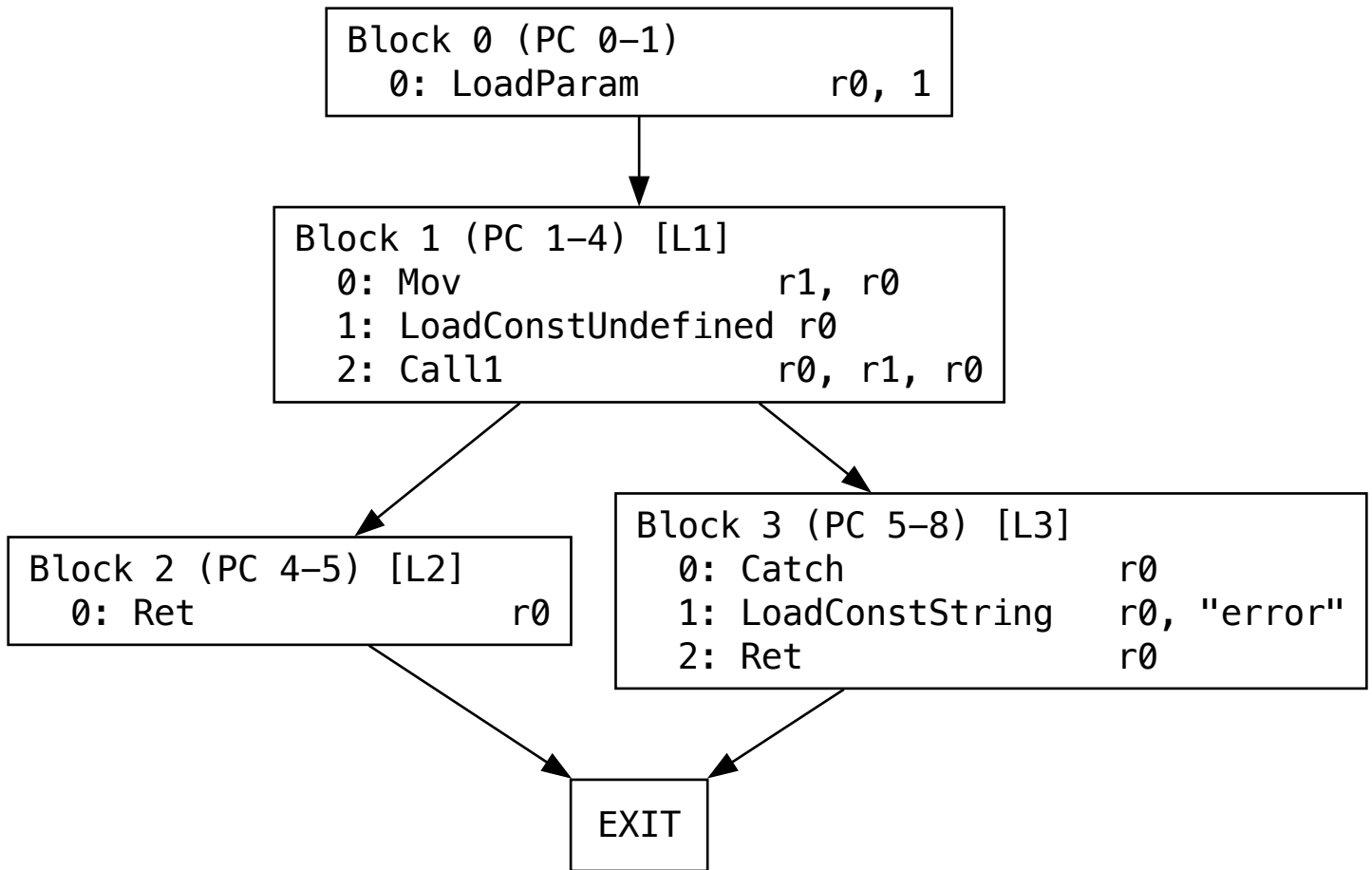
Function 2



Function 3



Function 4



Function 5

Block 0 (PC 0-10)

```
0: LoadConstUndefined r4
1: LoadConstUndefined r0
2: ReifyArguments      r0
3: Mov                 r3, r0
4: GetBuiltinClosure  r2, 52
5: CreateEnvironment  r0
6: CreateGeneratorClosure r1, r0, Function<?anon_0_asyncAwaitTest>7
7: LoadThisNS         r0
8: Call4               r0, r2, r4, r1, r0, r3
9: Ret                 r0
```



EXIT

Function 6

Block 0 (PC 0-3)

0: CreateEnvironment r0

1: CreateGenerator r0, r0, Function<?anon\_0\_?anon\_0\_asyncAwaitTest>8

2: Ret r0



EXIT

Function 7



Block 0 (PC 0-3)  
0: StartGenerator  
1: ResumeGenerator    r0, r1  
2: JmpTrue            L1, r1

Block 2 (PC 10-12)  
0: ResumeGenerator    r1, r2  
1: JmpTrue            L2, r2

Block 1 (PC 3-10)  
0: GetEnvironment    r1, 2  
1: LoadFromEnvironment r3, r1, 0  
2: LoadConstUndefined r2  
3: LoadConstUInt8    r1, 100  
4: Call2              r1, r3, r2, r1  
5: SaveGenerator      [4]  
6: Ret                r1

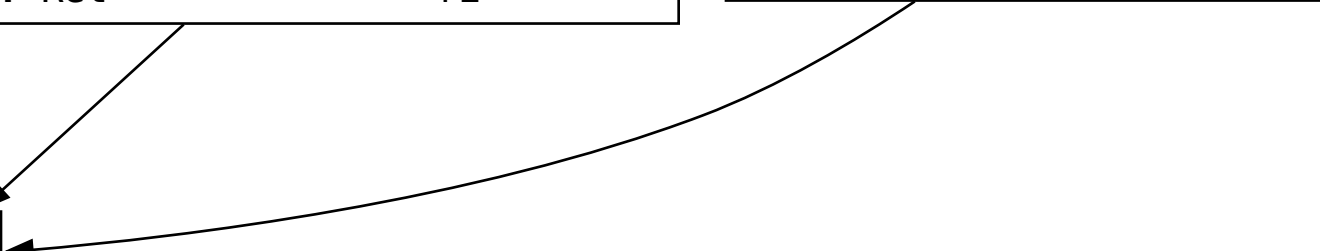
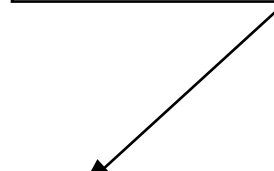
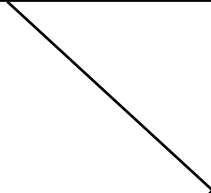
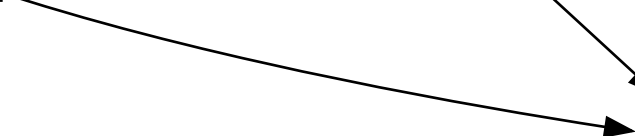
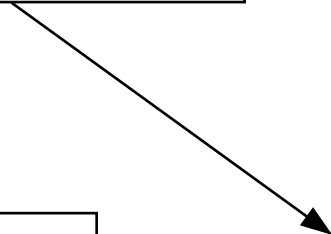
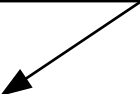
Block 5 (PC 17-19) [L1]  
0: CompleteGenerator  
1: Ret                r0

Block 3 (PC 12-15)  
0: LoadConstString   r2, "done"  
1: CompleteGenerator   r2  
2: Ret

Block 4 (PC 15-17) [L2]  
0: CompleteGenerator  
1: Ret                r1

EXIT

Function 8



Block 0 (PC 0-13)

0:	CreateEnvironment	r0
1:	GetGlobalObject	r1
2:	TryGetById	r3, r1, 1, "Promise"
3:	GetByIdShort	r2, r3, 2, "resolve"
4:	LoadConstUInt8	r1, 5
5:	Call2	r3, r2, r3, r1
6:	GetByIdShort	r2, r3, 3, "then"
7:	CreateClosure	r1, r0, Function<>10
8:	Call2	r2, r2, r3, r1
9:	GetByIdShort	r1, r2, 4, "catch"
10:	CreateClosure	r0, r0, Function<>11
11:	Call2	r0, r1, r2, r0
12:	Ret	r0



EXIT

Function 9

Block 0 (PC 0-4)

0:	LoadParam	r1, 1
1:	LoadConstUInt8	r0, 2
2:	Mul	r0, r1, r0
3:	Ret	r0



EXIT

Function 10

Block 0 (PC 0-2)

0: LoadConstZero      r0

1: Ret                    r0



EXIT

Function 11

Block 0 (PC 0-11)

```
0: CreateEnvironment r0
1: LoadParam        r1, 1
2: StoreToEnvironment r0, 0, r1
3: CreateGeneratorClosure r1, r0, Function<gen>13
4: LoadConstUndefined r0
5: Call1             r4, r1, r0
6: NewArray          r0, 0
7: LoadConstZero     r3
8: Mov               r5, r0
9: CallBuiltin        r1, 46, 4
10: Ret              r0
```



EXIT

Function 12

Block 0 (PC 0-3)

0: CreateEnvironment r0

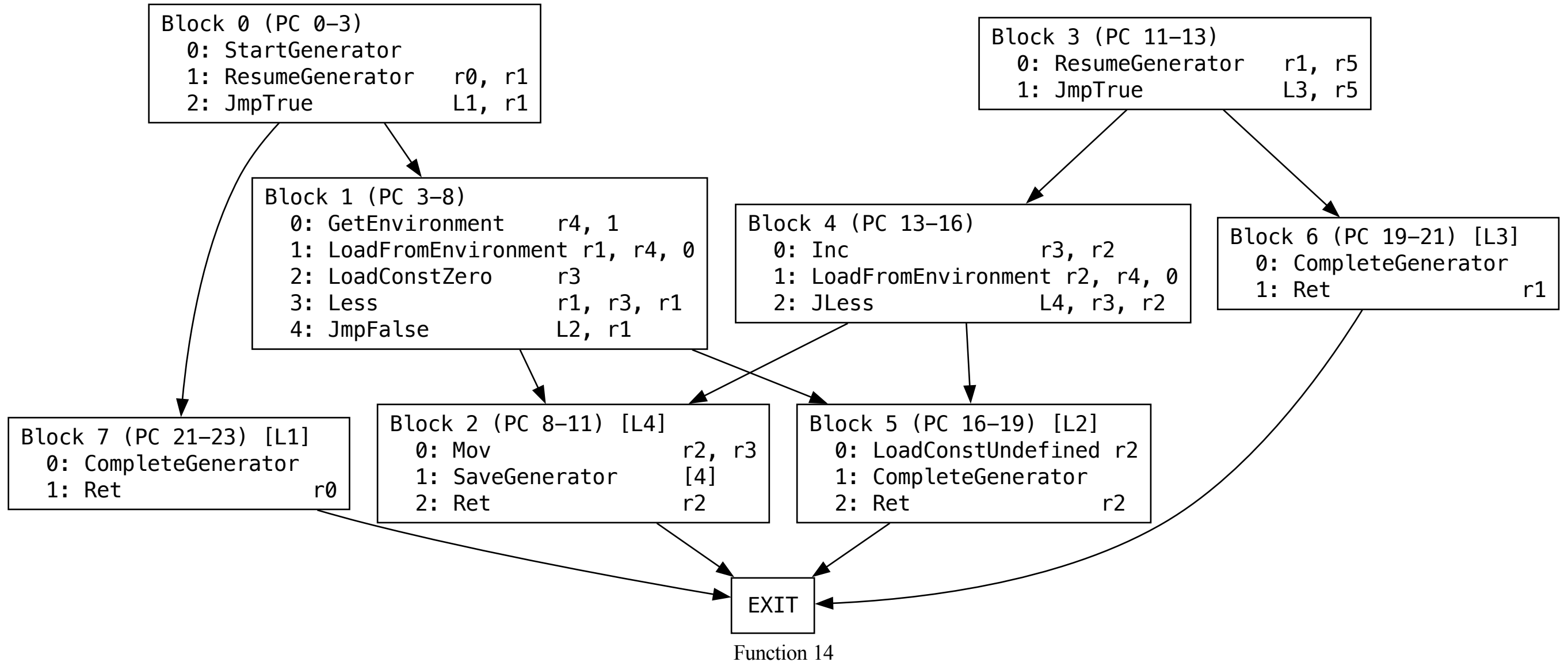
1: CreateGenerator r0, r0, Function<?anon\_0\_gen>14

2: Ret r0



EXIT

Function 13



Block 0 (PC 0-10)

```
0: CreateEnvironment r1
1: LoadParam        r0, 1
2: StoreToEnvironment r1, 0, r0
3: GetGlobalObject   r0
4: TryGetById        r3, r0, 1, "setTimeout"
5: LoadConstUndefined r0
6: CreateClosure      r2, r1, Function<>16
7: LoadConstUInt8    r1, 50
8: Call3              r1, r3, r0, r2, r1
9: Ret                r0
```



EXIT

Function 15



Block 0 (PC 0-6)

```
0: GetEnvironment      r0, 0
1: LoadFromEnvironment r2, r0, 0
2: LoadConstUndefined r1
3: LoadConstString     r0, "callback"
4: Call2                r0, r2, r1, r0
5: Ret                  r0
```



EXIT

Function 16

### Block 0 (PC 0-12)

```
0: CreateEnvironment r0
1: LoadParam        r1, 1
2: StoreToEnvironment r0, 0, r1
3: GetGlobalObject   r1
4: TryGetById        r2, r1, 1, "Promise"
5: GetByIdShort       r1, r2, 2, "prototype"
6: CreateThis        r1, r1, r2
7: CreateClosure      r3, r0, Function<>18
8: Mov               r4, r1
9: Construct         r0, r2, 2
10: SelectObject      r0, r1, r0
11: Ret              r0
```



EXIT

Function 17

Block 0 (PC 0-8)

```
0: GetGlobalObject    r0
1: TryGetById         r3, r0, 1, "setTimeout"
2: GetEnvironment     r0, 0
3: LoadFromEnvironment r2, r0, 0
4: LoadConstUndefined r1
5: LoadParam          r0, 1
6: Call3              r0, r3, r1, r0, r2
7: Ret                r0
```



EXIT

Function 18