

```

block_0_main
param a
arg 10
_t0 := call Start
print _t0

```

```

block_1_Start
param sz
arg sz
_t0 := call Init
aux01 := _t0
_t1 := call Print
aux02 := _t1
print 9999
arg 8
_t2 := call Search
print _t2
arg 12
_t3 := call Search
print _t3
arg 17
_t4 := call Search
print _t4
arg 50
_t5 := call Search
print _t5
return 55

```

```

block_2_Print
j := 1

```

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block_3
_t0 := j < size
cmp _t0, 1

```

```

block_4
print
_t0 := j + 1
j := _t0

```

```

block_5
return 0

```

```

block_8
aux01 :=
_t0 := num + 1
aux02 := _t0

```

```

block_9
_t0 := aux01 < num
cmp _t0, 1

```

```

block_11
_t1 := aux01 < aux02
_t0 := !_t1
cmp _t0, 1

```

```

block_13
ls01 := True
ifound := 1
j := size

```

```

block_6_Search
param num
j := 1
ls01 := False
ifound := 0

```

```

block_7
_t0 := j < size
cmp _t0, 1

```

```

block_16
return ifound

```

```

block_10
nt := 0

```

```

block_12
nt := 0

```

```

block_14

```

```

block_15
_t0 := j + 1
j := _t0

```

```

block_17_Init
param sz
j := 1
size := sz
number :=
_t0 := size + 1
k := _t0

```

```

block_18
_t0 := j < size
cmp _t0, 1

```

```

block_19
_t0 := 2 * j
aux01 := _t0
_t1 := k - 3
aux02 := _t1
_t2 := aux01 + aux02
number[j] := _t2
_t3 := j + 1
j := _t3
_t4 := k - 1
k := _t4

```

```

block_20
return 0

```

