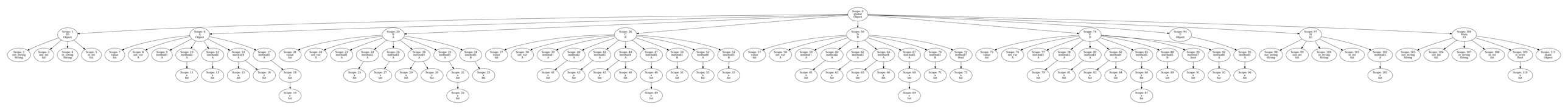

Scope: 0 global Object

Scope: 1
IO
Object

Scope: 6
A

Object

Scope: 20
B
A

Scope: 36
C
B

Scope: 56
D
B

Scope: 74
E
D

Scope: 94
F

Object

Scope: 97
H
IO

Scope: 104
Main
IO

Scope: 2 out_string String

Scope: 3 out_int
Int

Scope: 4 in_string String

Scope: 5 in_int
Int

Scope: 7
value
Int

Scope: 8 set_var
A

Scope: 9
method1
A

Scope: 10
method2
A

Scope: 12
method3
A

Scope: 14
method4
A

Scope: 17
method5
A

Scope: 11
x

Int

Scope: 13
x

Int

Scope: 15
x

Int

Scope: 16
y
Int

Scope: 18
x

Int

Scope: 19
y
Int

Scope: 21
value
Int

Scope: 22 set_var
A

Scope: 23
method1
A

Scope: 24
method2
A

Scope: 26
method3
A

Scope: 28
method4
A

Scope: 31
method5
A

Scope: 34
method5
B

Scope: 25
x

Int

Scope: 27
x

Int

Scope: 29
x

Int

Scope: 30
y
Int

Scope: 32
x

Int

Scope: 33
y
Int

Scope: 35
x

Int

Scope: 37
value
Int

Scope: 38 set_var
A

Scope: 39
method1
A

Scope: 40
method2
A

Scope: 42
method3
A

Scope: 44
method4
A

Scope: 47
method5
A

Scope: 50
method5
B

Scope: 52
method6
A

Scope: 54
method5
B

Scope: 41
x

Int

Scope: 43
x

Int

Scope: 45
x

Int

Scope: 46
y
Int

Scope: 48
x

Int

Scope: 49
y
Int

Scope: 51
x

Int

Scope: 53
x

Int

Scope: 55
x

Int

Scope: 57
value
Int

Scope: 58 set_var
A

Scope: 59
method1
A

Scope: 60
method2
A

Scope: 62
method3
A

Scope: 64
method4
A

Scope: 67
method5
A

Scope: 70
method5
B

Scope: 72
method7
Bool

Scope: 61
x

Int

Scope: 63
x

Int

Scope: 65
x

Int

Scope: 66
y
Int

Scope: 68
x

Int

Scope: 69
y
Int

Scope: 71
x

Int

Scope: 73
x

Int

Scope: 75
value
Int

Scope: 76 set_var
A

Scope: 77
method1
A

Scope: 78
method2
A

Scope: 80
method3
A

Scope: 82
method4
A

Scope: 85
method5
A

Scope: 88
method5
B

Scope: 90
method7
Bool

Scope: 92
method6
A

Scope: 79
x

Int

Scope: 81
x

Int

Scope: 83
x

Int

Scope: 84
y
Int

Scope: 86
x

Int

Scope: 87
y
Int

Scope: 89
x

Int

Scope: 91
x

Int

Scope: 93
x

Int

Scope: 95
method5
A

Scope: 96
x

Int

Scope: 98 out_string String

Scope: 99 out_int
Int

Scope: 100 in_string String

Scope: 101 in_int
Int

Scope: 102
method5
A

Scope: 103
x

Int

Scope: 105 out_string String

Scope: 106 out_int
Int

Scope: 107 in_string String

Scope: 108 in_int
Int

Scope: 109 is_even
Bool

Scope: 111
main

Object

Scope: 110
x

Int