```
[[entry]] = \{\}
[x = io.read()] = \{x = io.read()\}
[while \ x > 2] = \{x = io.read()\}
||v = x/2|| = \{x = io.read(), y = x/2\}
[if \ v < 6] = \{x = io.read(), v = x/2\}
[x = x + v] = \{x = x + v, v = x/2\}
||z = x + 2|| = \{x = io. read(), x = x + y, y = x/2, z = x + 2\}
[if \ z > 3] = \{x = io.read(), x = x + y, y = x/2, z = x + 2\}
||x = x/2|| = \{x = x/2, y = x/2, z = x + 2\}
||z = z + 10|| = \{x = io. read(), x = x + y, x = x/2, y = x/2, z = x + 10\}
[print(x)] = \{x = io.read(), x = x + y, x = x/2, y = x/2, z = x + 10\}
[exit] = \{x = io.read(), x = x + y, x = x/2, y = x/2, z = x + 10\}
```