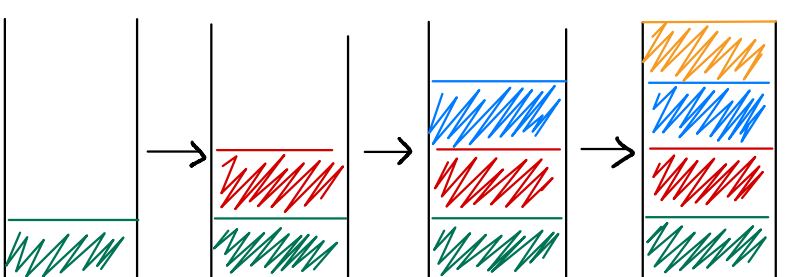
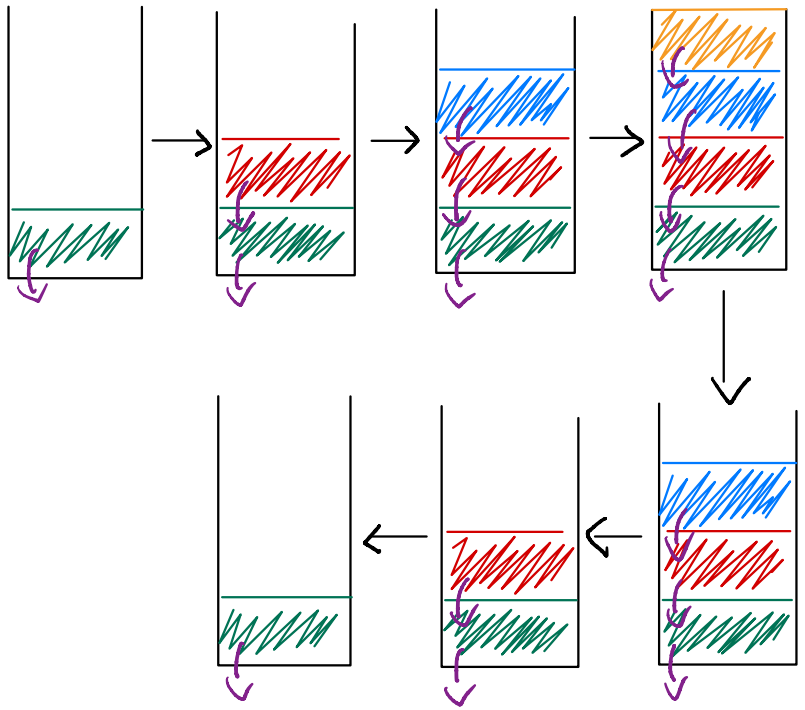
```
[fun XGreaterThanY[(x: int, y: int) -> bool[{
    let ans: bool = true;
    if (x <= y) [{ ans = true; }]
    return ans;
}]]]
```

Note: '[' denote a push and ']' denote a pop.



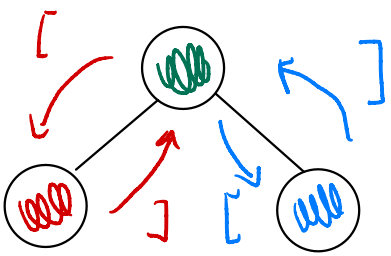


Green represents the global scope such a scope is often never popped.

The arrows marked in purple indicate that Symbol Tables hold a reference/ pointer to their enclosing scope

```
{ {
    print 10;
  }
  {
    print 20;
  }
}
```

Note: This example better demonstrates the Environment tree



Again each node is a Symbol Table (or Environment).