```
A_0
Push(int x) {
                       inv(push,d,k)
Node *n = \text{new Node}(x, \text{MAX INT, null, false});
                                                             push1(k)
pools[myTid] = n;
                         push2(k)
int i = TS++;
                         push3(k)
n->ts = i;
                         push4(k)
                        ret(push,k)
          A_6
```