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