```
Status pop(SqStack *S, ElemType *e)
{
    if (S->top == 0)
        return ERROR;
    else
    {
        *e = S->stack_array[S->top];
        S->top--;
        return OK;
    }
}

1. S
    1 e, top
2 3

2. S
    1 e
2 top
```