```
// Convert decimal number n to d (binary or octal number)
void conversion(int n, int d)
{
    SqStack S;
    int k, e;
    int st;
    S = Init_Stack();
    printf("After conversion from decimal %d to ", n);

    while (n > 0)
    {
        k = n % d;
        st = push(&S, k);
        n = n / d;
    }
    printf("base %d, Ans: ", d);

    while (S.top != 0)
    {
        st = pop(&S, &e);
        printf("%d", e);
    }
    printf("\n");
}
```

1. n = 123, d = 2

2. S

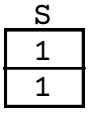
3. 123 % 2 = 1

S

n = 123 / 2 = 61

4. 61 % 2 = 1

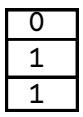
S



n = 61 / 2 = 30

5. 30 % 2 = 0

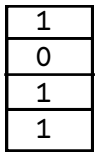
S



n = 30 / 2 = 15

6. 15 % 2 = 1

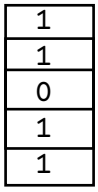
S



n = 15 / 2 = 7

7. 7 % 2 = 1

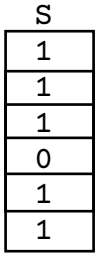
S



n = 7 / 2 = 3

8. 3 % 2 = 1

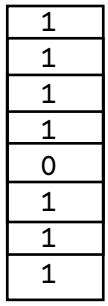
S



n = 3 / 2 = 1

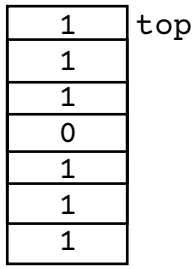
9. 1 % 2 = 1

S

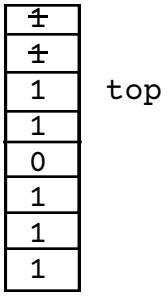


n = 1 / 2 = 0

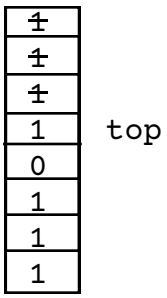
10. S



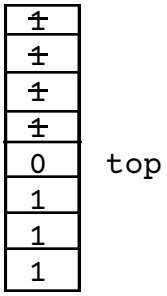
11. S



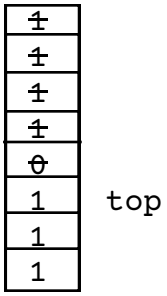
12. S



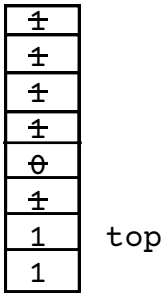
13. S



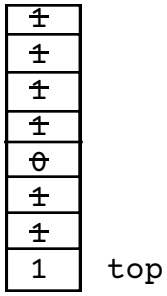
14. S



15. S



16. S



17. S