

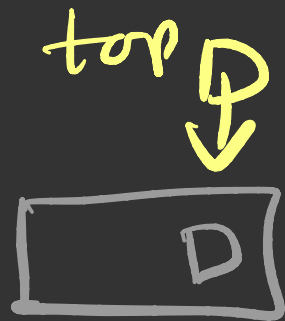
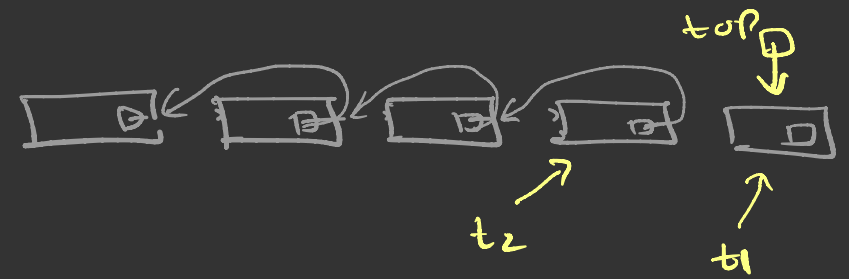
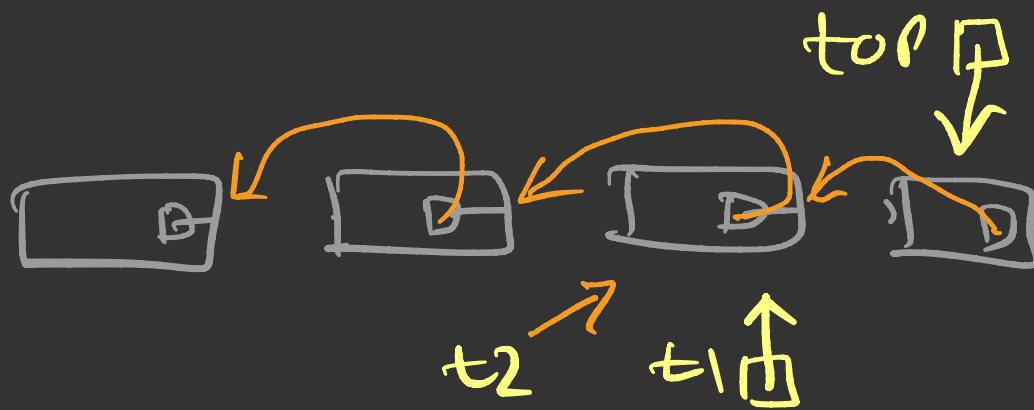
DSA through C++

Assignment-10

Doubt Class



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t1

```

t2 = NULL;
do
{
    t1 = top;
    top = top → next;
    t1 → next = t2;
    t2 = t1;
} while (top → next != NULL);
top → next = t1;
  
```

$x = 25652$

$l = \text{len}(x)$

Stack  $s1$ ;

if ( $l == \text{odd}$ )

{

loop :  $i = 1$  to  $l/2$

{  
     $s1.\text{push}(x \% 10)$ ;

$x = x / 10$

}

$x = x / 10$ ;

loop :  ~~$l/2$  times~~  $x != 0$

{



if ( $x \% 10 == s1.\text{peek}()$ )  
{  
     $s1.\text{pop}()$ ;  
     $x = x / 10$ ;

}

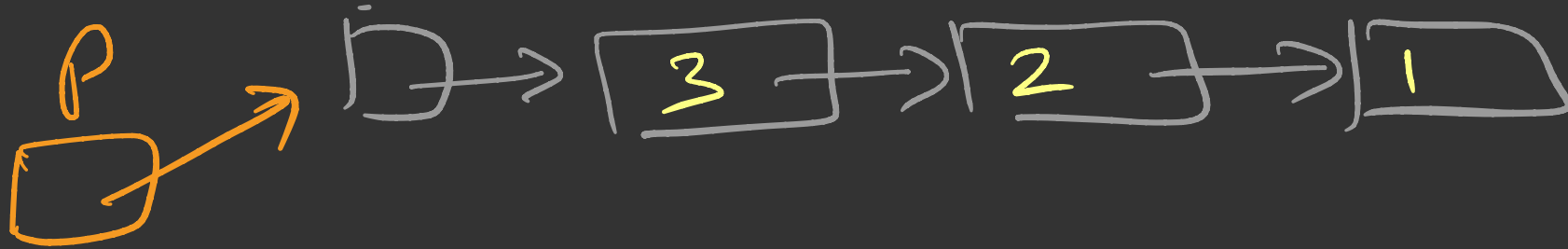
else

    return false;

}

return true;

SI  
[ ] → ;



$S = \text{reverse}(S)$

