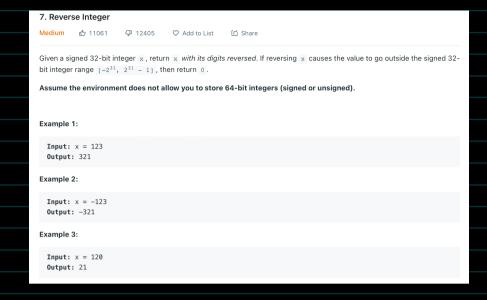
Reverse integer



Remainder of
$$x$$

$$9 = x \% 0$$

$$91 = x \% 10 \Rightarrow 3, 2$$

then add on to the sum

$$8um = (Sum \# 10) + 37$$

$$1ncrewse to next digit$$

$$1.8 \quad 8um = (0 \times 10) + 3$$

$$8um = x 321$$

$$9reduce x i.e x = x/10 = 123 = 12, 1$$

* neturn sum: if Cans

```
class Solution {
public:
    int reverse(int x) {
        int ans=0;
        while(x!=0){
            int lastdigit=x%10;
            if(ans > (INT_MAX/10) || ans< (INT_MIN/10))
            {
                return 0;
            }
            ans=(ans*10)+lastdigit;
            x/=10;
        }
        return ans;
    }
};</pre>
```