

ex str: aa669cdABAC
 rv: AABCa9999666cc d

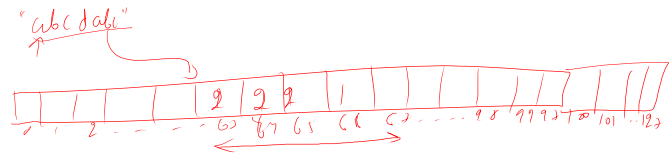
ex "43122134"
 0 1 2 3 4 5 6 7
 (4+0+1+2) (2+1+0+7) (4+0+1+2) = (2+1+0+7)
 10

9312134

"23146**#**69132"

- ① rat, tar
- ② ratat, tarat
- ③ ratatar, taratat
- ④ ratatrat, taratatrat
- ⑤ ratatratrat, taratatratrat
- ⑥ ratatratratrat, taratatratratrat

- ① postfix string
- ② compare



"0-12"

arr[4]

9-2
 6-2
 5-2
 4-2

9966cc d

"4321"
 rv = 0
 rv = digit * pow + rv
 = 4 * 1 + 0 = 4
 rv = 3 * 10 + 4 = 34
 rv = 2 * 100 + 34 = 234
 rv = 1 * 1000 + 234 = 1234
 = 4 * 1000 + 234 = 4234

pow = 1000000000

"4321"
 4 * 10^0 + 9 = 9
 2 * 10^1 + 9 = 29
 1 * 10^2 + 29 = 129
 4 * 10^3 + 129 = 4129

```
public static int parseStringIntoInteger(String str) {
    int pow = 1, res = 0;
    for (int i = str.length() - 1; i >= 0; i--) {
        char ch = str.charAt(i);
        int d = ch - '0';

        res = d * pow + res;
        pow *= 10;
    }
    return res;
}
```

"9297868" > 2

"8729768"
 rv = 0, mod = 0

8 * 1 + 0 = 8
 6 * 10 + 8 = 68
 7 * 10^2 + 68 = 7068
 9 * 10^3 + 7068 = 907068
 2 * 10^4 + 907068 = 2097068
 8 * 10^5 + 2097068 = 8097068