

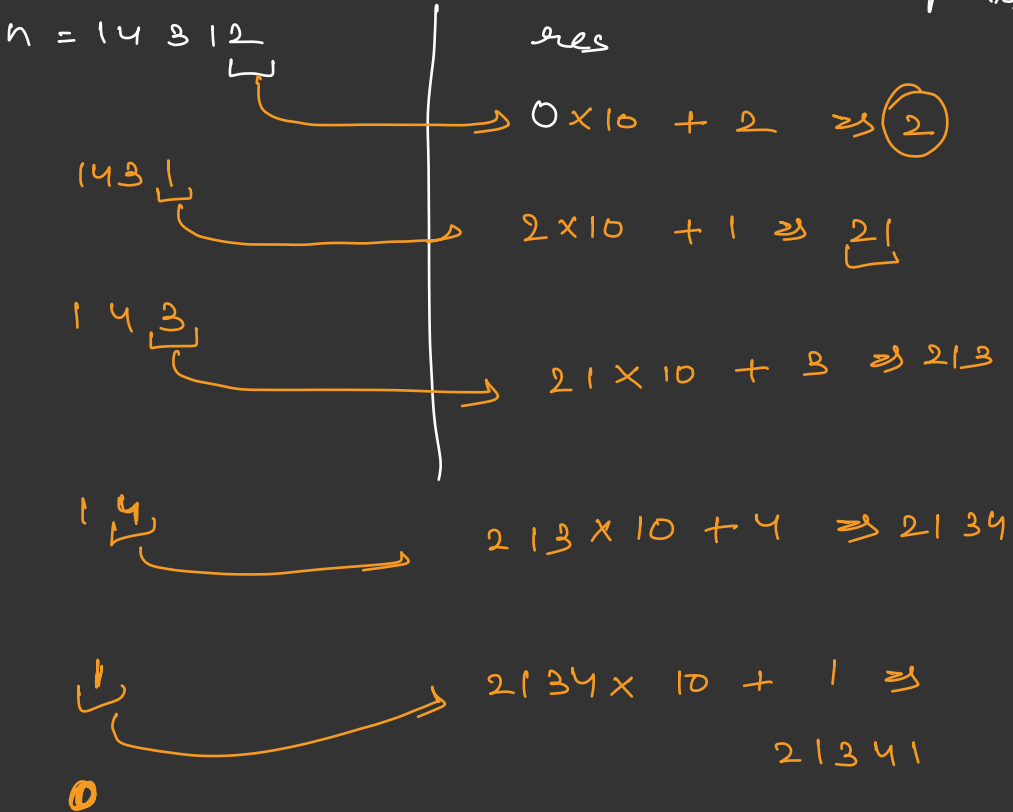
Ques Print the reverse of a number

int n = 14312

⇒ 21341



modulus operator



① get last digit

134

$$\begin{array}{r} 10 \overline{) 134} \\ \underline{130} \\ 4 \end{array}$$

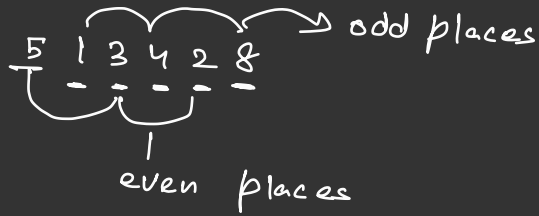
n % 10

② remove last digit

$$\begin{array}{r} 147 \\ \underline{10} \\ 14 \end{array}$$

⇒ 14

Ques Odd even digit sum



int place = 1, esum = 0, osum = 0

if (place % 2 == 0) {

esum += lastDigit;

} else {

osum += lastDigit;

}

Ques

num = 5

* * * * *

num = 3

* * *

for (i = 1; i <= num; i++) {
 sysout("*");

}

Ques
n = 5

```
* * *
* * *
* * *
* * *
* * *
```

```
for(i=1; i<=num; i++)
    syso(' * * ');
```

Ques
n = 5

```
  *
 * *
* * *
* * * *
* * * * *
```

Outer

responsible for row

inner

stars in row // responsible for
column in row

(2)

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
```

n = 5

Ques

$n = 5$

```

- - - - *
-  - - * *
-  - * * *
- * * * *
* * * * *

```

1	4 empty
2	3
3	2
4	1
5	0

- ① Some empty space
- ② Print stars
- ③ `sysol()`;

no of spaces = $5 - \text{row}$