

**num = 235**

```
int prod = 1;
while (num > 0) {
    prod *= num % 10;
    num /= 10;
}
```

**prod = 1**

iteration  
#1

**235 > 0 -> true**

**prod = 1 \* 5 = 5**

**num = 235 / 10 = 23**

**iteration = 1 defe dovr = "takt"**

**prod = 5**

iteration  
#2

**23 > 0 -> true**

**prod = 5 \* (23%10) = 15**

**num = 23 / 10 = 2**

**prod = 15**

iteration  
#3

**2 > 0 -> true**

**prod = 15 \* (2%10) = 30**

**num = 2 / 10 = 0**

**prod = 30**

iteration  
#4

**0 > 0 -> false**