Q.4 ⟶ Print odd 1 to n.

Q.8 ⟶ Multiples of 4 upto n.

```
int i = 1;
while ( i <= 10){
    i = i * i;
    Sop(i+" ");
    i++;
}
```

i	i <= 10	O/P
1	✓	1
1		
2	✓	
4		4
5	✓	
5		
25		25
26	✗	

| 1 4 25 |

```
int i = 0;
while ( i <= 10){
    Sop(i+" ");
    i = i * i;
}
```

Infinite
Loop

i	i <= 10	O/P
0	✓	0
0	✓	0
0	✓	0
0	✓	0
		:

factors of 12 → 1, 2, 3, 4, 6, 12.

factors of 30 → 1, 2, 3, 5, 6, 10, 15, 30

factors of $n \in [1, n]$.

```
for (i=1; i<=n; i++){
    if (n % i == 0)
        Sopln(i);
}
```