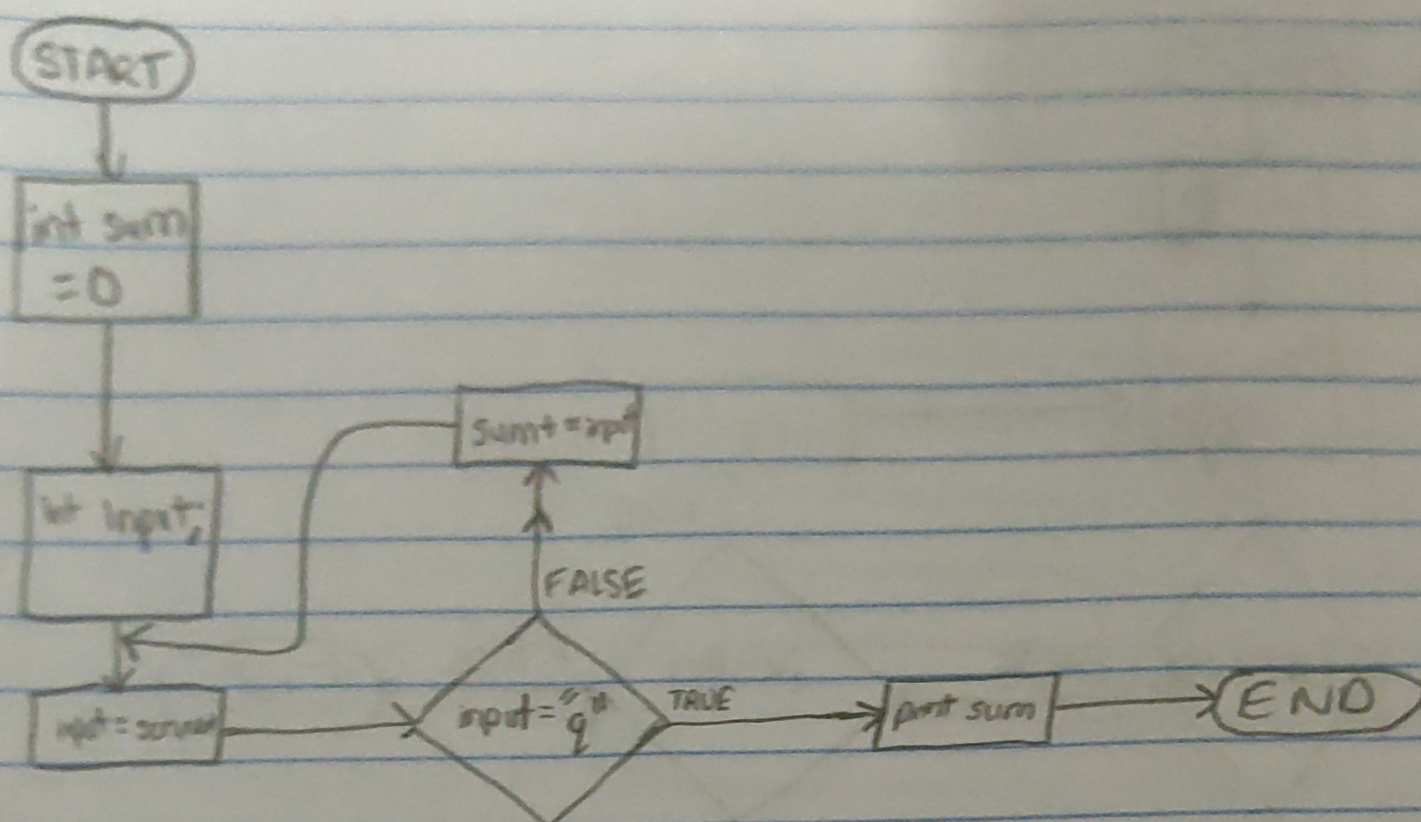
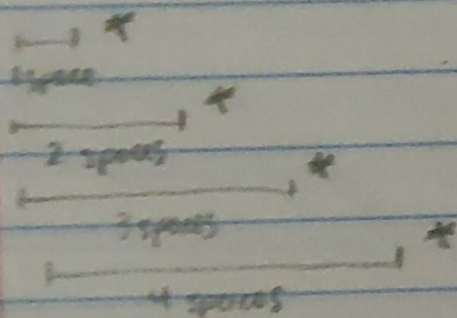


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①



2) *



3) `if (pay > 100,000) {`
 `taxRate = 0.4;`
`} else if (pay > 60,000) {`
 `taxRate = 0.3;`
`} else if (pay > 30,000) {`
 `taxRate =`
`} else if (pay > 15,000) {`
 `taxRate =`
`} else if (pay > 5,000) {`
 `taxRate =`
`} else {`
 `taxRate =`
`}`

5) On worksheet paper

6) `int val = input.nextInt();`

```

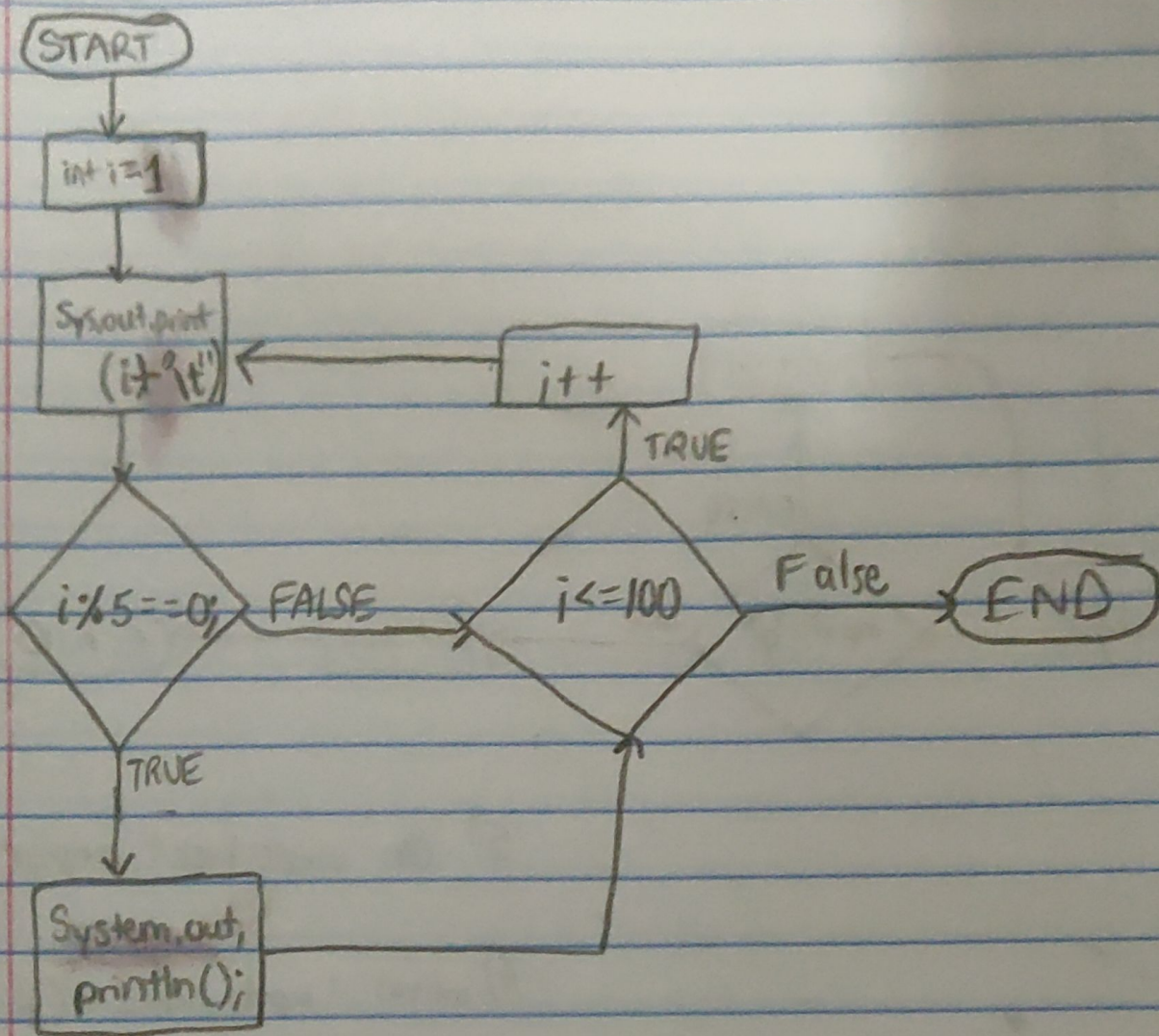
while (val < 0 || val > 100) {
    System.out.println("Invalid, try again");
    val = input.nextInt();
}
  
```

7) #	j	k
1	0	0
2	1	1
3	3	2
4	6	3
5	10	4
6	15	5
7	21	6

7 times
j = 21

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8)



9)

Extra semi-colon.

```
if(x<0) x++;  
else x--;
```