# Problem 7: Which floor...

Start

Input

input =1111110

0

yes → "0"

No

input =0110000

1

Yes → "1"

No

input= 1101101

2

yes → "2"

No

input= 1111001

3

Yes → "3"

No

2b
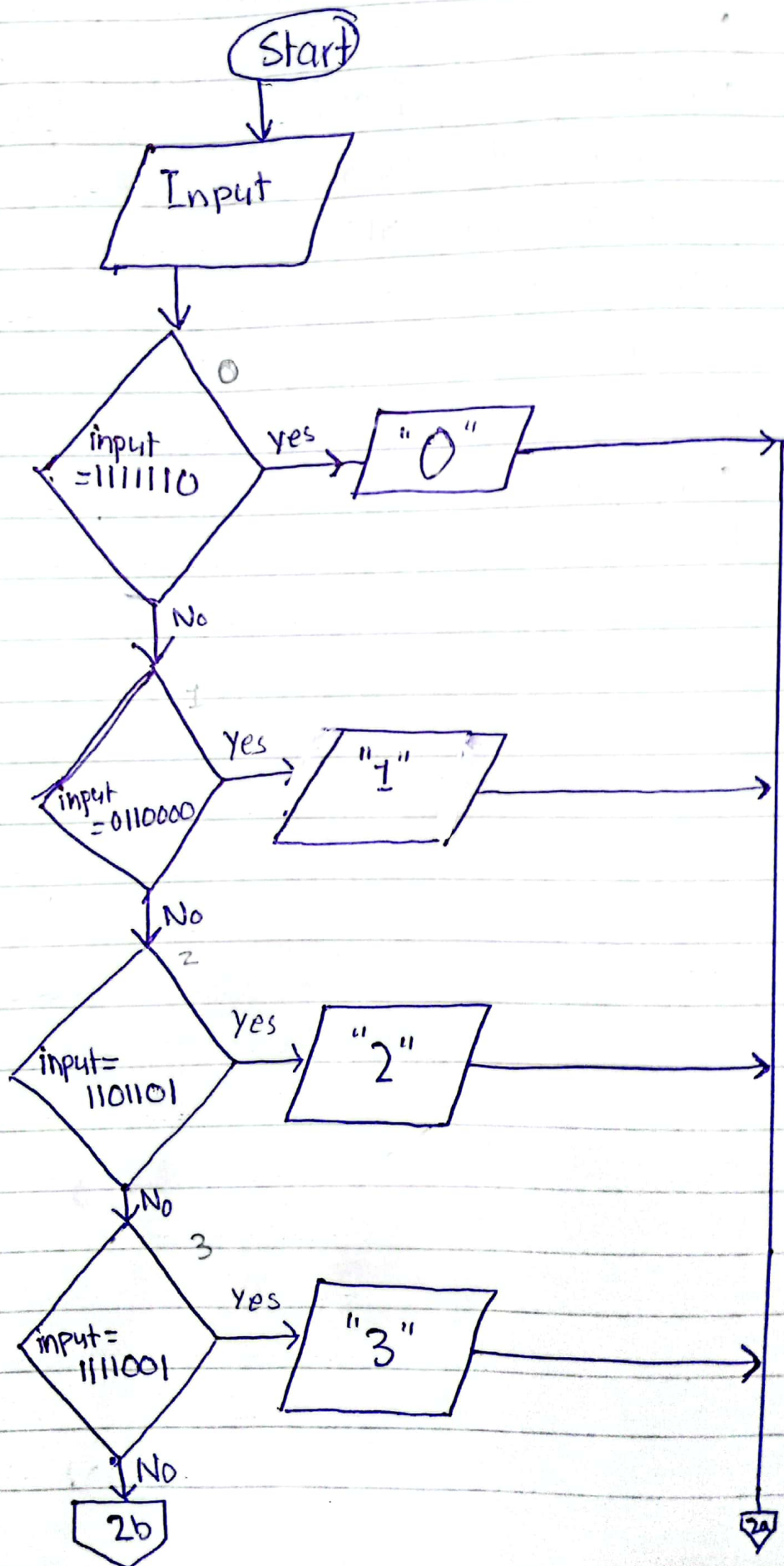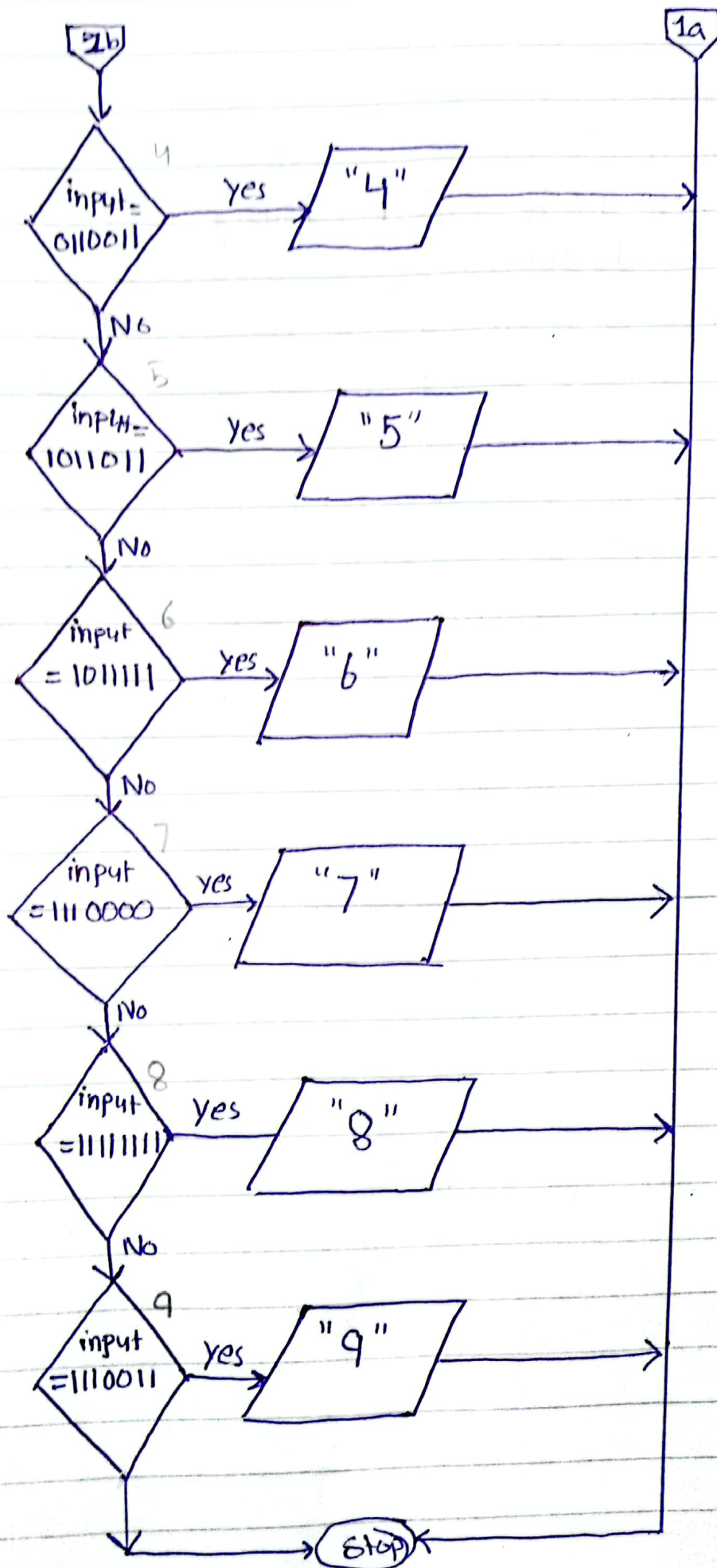
2a

- Start
- //Input
  Input in binary (floor no.)

- // condition begins
  if (floor no. = 1111110), print "0"
  elseif (floor no. = 0110000), print "1"
  else if (floor no. = 1101101), print "2"
  else if (floor no. = 1111001), print "3"
  else if (floor no. = 0110011), print "4"
  else if (floor no. = 1011011), print "5"
  else if (floor no. = 1011111), print "6"
  else if (floor no. = 1110000), print "7"
  else if (floor no. = 1111111), print "8"
  else if (floor no. = 1110011), print "9"
     // condition ends


- End

# IPO:

| Input | Processing | Module Preferences | Output |
|-------|-----------|-------------------|--------|
| Floor no. | Input floor no.<br>Determine on<br>what floor lift<br>is.<br>Display floor<br>End. | Read<br>Calc.<br><br>Print<br>End | :<br>floor |