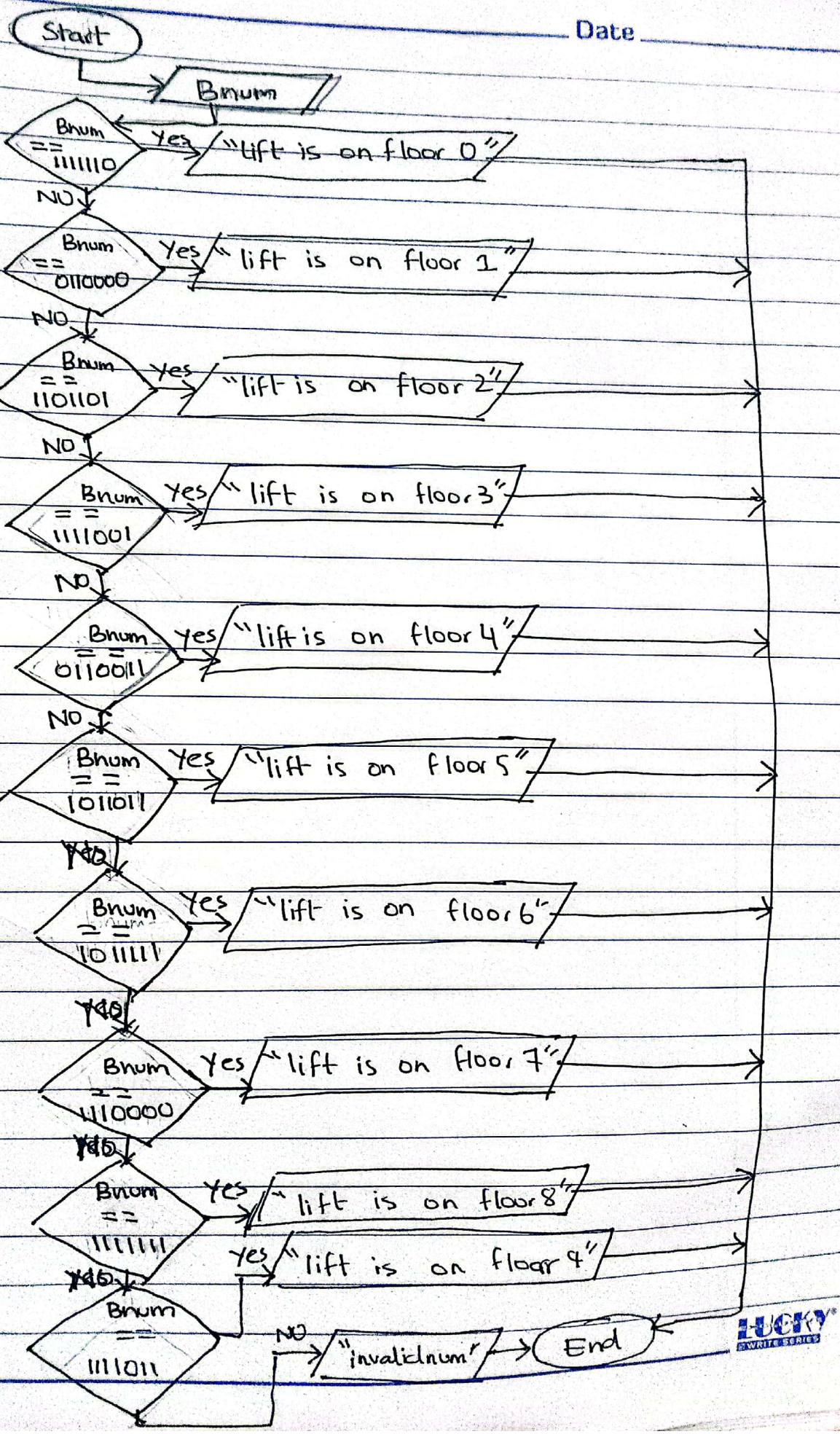
Elevator

Q7

Date



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Q7

Pseudo Code

Date

```
START
PRINT "Input 7 digit Binary Number"
INPUT BNum
IF BNum == 1111110 Then
    Print "lift is on floor 0"
Else If BNum == 0110000 Then
    Print "lift is on floor 1"
Else If BNum == 1101101 Then
    Print "lift is on floor 2"
Else If BNum == 1111001 Then
    Print "lift is on floor 3"
Else If BNum == 0110011 Then
    Print "lift is on floor 4"
Else If BNum == 1011011 Then
    Print "lift is on floor 5"
Else If BNum == 1011111 Then
    Print "lift is on floor 6"
Else If BNum == 1110000 Then
    Print "lift is on floor 7"
Else If BNum == 1111111 Then
    Print "lift is on floor 8"
Else If BNum == 1111011 Then
    Print "lift is on floor 9"
Else
    Print "invalid input"
End If
END
```

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Q7 IPO Chart

INPUT	Processing	OUTPUT
Binary Number	Check all possibilities of Binary Number and print the corresponding floor of that binary Number. If Input Binary Number does'nt matches any floor Binary Number then Print invalid ~~or~~ input	Tells on which floor lift is on