What’s the way that I Refactor if(){}, else if(){}, When both of them have an if(){} in them (With the different conditions)?

After Refactoring the parent if(){} and else if(){} (Or two else if(){}) with each other,

Then we Refactor the inner if(){}s with each other by:

Connecting each of their conditions to their parent using &&, And then connecting the parent/inner pairs with each other using||,

Then we Refactor the code in them by:

Putting the condition of one of the parent/inner to the left of the ?,

Then put the code that would’ve been executed in those conditions to the right of the ? operator, With a colon|:|to its right,

Then we put the code, That would’ve been executed if the conditions of the other parent/inner were met, To the right of the colon|:|.

Here’s an example :

Normal Code :

const number = 20

if(number < 30){

console.log(`${number} is smaller than 30`)

If(number % 2 === 0){

console.log(`${number} is even and smaller than 30`)

}

}

else if(number > 30) {

console.log(`${number} is bigger than 30`)

If(number % 2 !== 0){

console.log(`${number} is odd and bigger than 30`)

}

}

Refactored Code :

If(number < 30 || number > 30){

number < 30 ? console.log(`${number} is smaller than 30`) : console.log(`${number} is bigger than 30`)

If((number < 30 && number % 2 === 0) || (number > 30 && number % 2 !== 0)){

number < 30 && number % 2 === 0 ? console.log(`${number} is even and smaller than 30`) : console.log(`${number} is odd and bigger than 30`)

}

}