

```
public static int compute(int number1, int number2, int number3) {  
    if (number2 < number1 && number1 < number3 || number1 < number2 && number1 > number3) {  
        return number1;  
    } else if (number2 > number1 && number2 < number3 || number2 < number1 && number2 > number3) {  
        return number2;  
    } else if (number3 > number1 && number3 < number2 || number3 < number1 && number3 > number2) {  
        return number3;  
    }  
}
```

The diagram illustrates a control flow between two conditional branches. A grey line with circular nodes at each end connects a node in the second 'else if' branch (specifically near the condition 'number2 < number1 && number2 > number3') to a node in the third 'else if' branch (specifically near the condition 'number3 < number1 && number3 > number2'). This suggests a logical relationship or a specific execution path between these two conditions.