Issues In The Code

1. <u>Contains function</u> returns true if the specified value equals the upper bound in range and returns false if it equals the lower bound.

2. <u>Intersects function</u> not work, it returns true in all cases, whatever if the parameters intersect with the range or not.

3. <u>Combine function</u> returns false upper bound in the new range, it should choose the greater upper bound value from the two input ranges, but it returns the minimum value.

4. <u>Expand function</u> has error with expand the lower bound of the return range, it adds the percentage of the range length on the lower bound of the input range, when it should subtract from the lower bound of the input range.