1. initParts(string number)

- Initialize integer and fractional parts of the number.
- Loop through each character in 'number'.
- When a decimal point is encountered, set a flag to start processing the fractional part.
- Append characters to the integer or fractional part based on the flag.

2. BigReal operator+(BigReal &other)

- Addition of two BigReal numbers, taking into account their signs.
- If both numbers have the same sign:
 - 1. Add their integer parts.
 - 2. Add their fractional parts.
- If they have different signs:
 - 1. Find the number with the larger magnitude (absolute value).
- 2. Subtract the smaller-magnitude number from the larger-magnitude number.
- 3. The sign of the result is the same as the number with the larger magnitude.

3. BigReal operator-(BigReal &other)

- Subtraction of two BigReal numbers by inverting the sign of the second number and using addition.
 - Negate the sign of the 'other' number.
- Use addition to perform subtraction with the negated 'other' number.

4. int compMagnitude(const BigReal &num) const

- Compare the magnitude of two BigReal numbers.
- Compare their integer parts:
 - 1. If the current number has a larger integer part, return 1.
 - 2. If the 'num' parameter has a larger integer part, return -1.
- If integer parts are equal:
 - 1. Compare their fractional parts digit by digit.
 - 2. Return 1 if the current number's fractional part is greater.
 - 3. Return -1 if the 'num' parameter's fractional part is greater.
 - 4. Return 0 if the fractional parts are equal.

5. bool operator<(const BigReal &other) const

- Check if the current BigReal number is less than the 'other' BigReal number:
 - 1. If the sign of the current number is negative, return true.
- 2. If the signs are the same and the current number's magnitude is less than 'other,' return true.
 - 3. Otherwise, return false.

6. bool operator>(const BigReal &other) const

- Check if the current BigReal number is greater than the 'other' BigReal number:
 - 1. If it's not less than or equal to 'other,' return true.
 - 2. Otherwise, return false.

7. bool operator==(const BigReal &other) const

- Check if the current BigReal number is equal to the 'other' BigReal number:
- 1. If their signs are the same and their magnitudes are equal, return true.
 - 2. Otherwise, return false.

8. ostream& operator<<(ostream &os, const BigReal &num)

- Overload the stream insertion operator for output:
 - 1. If the BigReal number has a negative sign, display '-'.
 - 2. Display the BigReal number as a string.

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20220309	20220013	2022416
Header	Operator =	Compmagnitude
Main	Operator +	operator <
Testing	Operator <<	operator >
Is positive	Isvalidreal	Operator ==
Size	Setnum	Constructor
Operator –		
Constructor		