



## BIG INTEGER CLASS:

BigInteger class is used for the mathematical operation which involves very big integer calculations that are outside the limit of all available primitive data types.

If the range of the long data type is not sufficient for your requirements, we can use the BigInteger class from the java.math package in Java to work with arbitrarily large integers.

The BigInteger class provides support for integers of any size, limited only by the available memory. It allows you to perform mathematical operations on integers with no practical upper bound. This class is particularly useful when dealing with extremely large numbers that are beyond the range of the primitive data types.

In this way, BigInteger class is very handy to use because of its large method library and it is also used a lot in competitive programming.

### Example:

```
int a, b;
```

```
BigInteger A, B;
```