

WORKING WITH BIG NUMBERS

To work with big numbers we can use classes like `BigDecimal` and `BigInteger` to store and operate on huge numbers. The `BigDecimal` and `BigInteger` contains the one constructors like:

```
public BigInteger(String val) {
}
```

in which we can pass the numerical value as shown in the program below.

[illegible]

```
package BigNoDemo;
import java.math.BigDecimal;
import java.math.BigInteger;
public class BigNos {
    public static void main(String[] args) {
        BigInteger i=new
        BigInteger("12639781263761293619263897162897361789263781628739612789637912637162361289735124
        52163518725371");
        BigInteger i1=new BigInteger("172639263915923751298736129639123");
        BigInteger i3=i.multiply(i1);
        BigInteger i4=i.add(i1);
        BigInteger i5=i.subtract(i1);
        BigInteger i6=i.divide(i1);
        BigInteger i7=i.pow(3);
        System.out.println(i7);
    }
}
```

Output:

The result of addition of i and il
is:1263978126376129361926389716289736178926378162873961278963791436355500044897263750899648
364494

The result of subtraction of i and il
is:1263978126376129361926389716289736178926378162873961278963791091076972213049761153427389
086248

The result of product of i and i1
is:2182122533434034209056045563300097788752275940727940800428165265621450318479922188957536
32525170814824110644621451207174289633

The result of division of i and i1
is:7321498584422217519278948312153278379361314379361500798984737

The cube of i is

:20193829036102016228630007236756334359753516151397847865461828737835631
060356639882219140573751228675869593818742757087706039792403535450760950
15260892760769126813382226990692152154014563573796948174626327231433663
43074328192153932157827986268650482620698218572634766088159239811