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| 07 | //initialization |
| 08 | BigInteger N1 = new BigInteger ("1000000000000000000"); | |

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| 09 | BigInteger N2 = new BigInteger ("123456789123"); | |
| 10 | BigInteger N3 = new BigInteger ("50000000000"); |

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| 11 | //Math operations |
| 12 | BigInteger mult = N1.multiply(N2); | |

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| 13 | BigInteger add = N1.add(N2); |
| 14 | BigInteger div= N1.divide(N2); | |

|  |  |
| --- | --- |
| 15 | BigInteger substract1 = N1.subtract(N2); //N1-N2 |
| 16 | BigInteger substract2 = N2.subtract(N1); //N2-N1 |

|  |  |
| --- | --- |
| 17 | BigInteger gcd = N1.gcd(N3); |

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| --- | --- | --- |
| 21 | System.out.println("Mult >>> " + mult); | |
| 22 | System.out.println("add >>> " + add); |

|  |  |
| --- | --- |
| 23 | System.out.println("div >>> " + div); |
| 24 | System.out.println("substract1 >>> " + substract1); | |

|  |  |  |
| --- | --- | --- |
| 25 | System.out.println("substract2 >>> " + substract2); | |
| 26 | System.out.println("gcd N1 N3 >>> " + gcd); |

আরো কিছু ফাংশন আছে bigint ক্লাসে। এগুলো হলো:

|  |  |
| --- | --- |
| 01 | BigInteger.ONE; (ক্লাস এ ডিফাইন করা মান: ১) |
| 02 | BigInteger.ZERO; (ক্লাস এ ডিফাইন করা মান: ০) | |

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| 03 | A.abs(); |
| 04 | A.add(N); | |

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| 05 | A.divide(N); |
| 06 | A.divideAndRemainder(N); (একটি অ্যারে রিটার্ন করে ভাগফল ও ভাগশেষ সহ) | |

|  |  |
| --- | --- |
| 07 | A.max(N); |
| 08 | A.min(N); |

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| --- | --- |
| 09 | A.mod(N); |
| 10 | A.multiply(N); | |

|  |  |  |
| --- | --- | --- |
| 11 | A.pow(N); (A^N রিটার্ন করে) | |
| 12 | A.remainder(N); |

|  |  |
| --- | --- |
| 13 | A.signum(N);</p> |
| 14 | <p style="text-align: justify;">A.doubleValue(); | |

|  |  |  |
| --- | --- | --- |
| 15 | A.floatValue(); | |
| 16 | A.intValue(); |

|  |  |  |
| --- | --- | --- |
| 17 | A.longValue(); | |
| 18 | A.toString(); |

|  |  |
| --- | --- |
| 19 | A.compareTo(N) (A==N হলে ০,A &lt;&gt;N হলে পজিটিভ সংখ্যা রিটার্ন করে) |

BigInteger A = BigInteger.valueOf(20000); এভাবেও ইনপুট নেয়া যায় তবে এক্ষেত্রে ৩২বিটের বড় মান নেয়া যাবেনা।