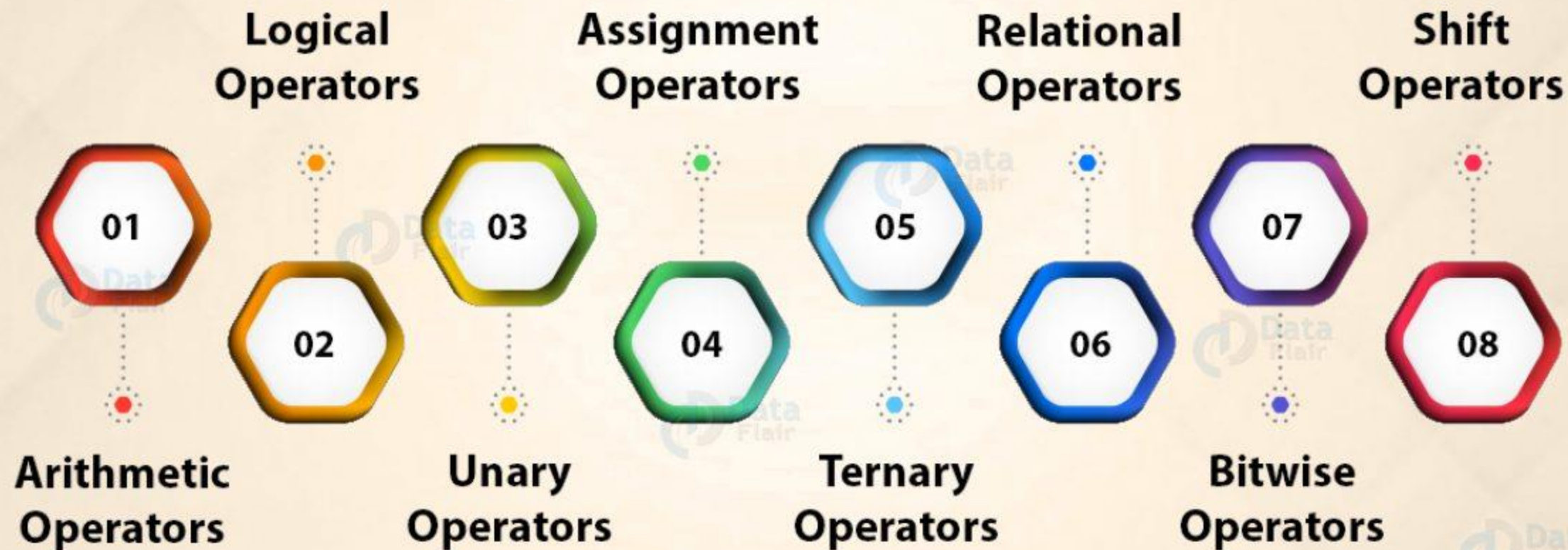


# Operators in Java



IN THE NAME OF ALLAH

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

THE GRACIOUS, THE MERCIFUL.

# LECTURE: 3

## JAVA OPERATORS



| Operator Type | Category             | Precedence   |
|---------------|----------------------|--|
| Unary         | postfix              | <i>expr++ expr--</i>   |
|               | prefix               | <i>++expr --expr +expr -expr ~ !</i>                                   |
| Arithmetic    | multiplicative       | <i>* / %</i>   |
|               | additive             | <i>+ -</i>   |
| Shift         | shift                | <i>&lt;&lt; &gt;&gt; &gt;&gt;&gt;</i>                                  |
| Relational    | comparison           | <i>&lt; &gt; &lt;= &gt;= instanceof</i>                                |
|               | equality             | <i>== !=</i>   |
| Bitwise       | bitwise AND          | <i>&amp;</i>   |
|               | bitwise exclusive OR | <i>^</i>   |
|               | bitwise inclusive OR | <i> </i>   |
| Logical       | logical AND          | <i>&amp;&amp;</i>  |
|               | logical OR           | <i>  </i>  |
| Ternary       | ternary              | <i>? :</i>   |
| Assignment    | assignment           | <i>= += -= *= /= %= &amp;= ^=  = &lt;&lt;= &gt;&gt;= &gt;&gt;&gt;=</i> |

# Assignment

- Remember the operators chart and write it 30 times
- Test will be taken tomorrow