|  |  |
| --- | --- |
| **WHILE** | **DO-WHILE** |
| The main feature of the while loop is that it’s an entry controlled loop. | The main feature of the do while is an exit controlled loop. |
| Given that the condition is checked first, statements may or may not get executed. | Given that the condition is checked later, the body statements will execute at least once. |
| The iterations do not occur if the condition at the first iteration appears false. | In Do-while loop the iteration occurs at least once even if the condition is false at the first iteration. |
| Kotlin while Loop | Java do while loop - JournalDev |

Primitive Data Types

|  |  |  |
| --- | --- | --- |
| Byte | -128 | 127 |
| short | -32,768 | 32,767 |
| int | -2,147,483,648 | 2,147,483,647 |
| long | -9,223,372,036,854,775,808 | 9,223,372,036,854,775,807 |
| float | 4\*E-45 | 3.4028235\*E 38 |
| double | 9\*E-324 | 1.79769313\*E308 |
| boolean | 0 | 1 |
| char | 0 | 65535 |

JVM will make n number of dot class files if there n number of classes are present in dot java file