| **while** | **do-while** |
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| **Condition is checked first then statement(s) is executed.** | **Statement(s) is executed atleast once, thereafter condition is checked.** |
| **It might occur statement(s) is executed zero times, If condition is false.** | **At least once the statement(s) is executed.** |
| **No semicolon at the end of while. while(condition)** | **Semicolon at the end of while. while(condition);** |
| **If there is a single statement, brackets are not required.** | **Brackets are always required.** |
| **Variable in condition is initialized before the execution of loop.** | **variable may be initialized before or within the loop.** |
| **while loop is entry controlled loop.** | **do-while loop is exit controlled loop.** |
| **while(condition) { statement(s); }** | **do { statement(s); } while(condition);** |