**What is the difference between while loop and do-while loop?**

While loop doesn’t execute the code inside the loop if the condition is not met. But do-while loop executes it at least once.

Example:

while loop:

**package** package1;

**public** **class** JavaExamples {

**public** **static** **void** main(String[] args) {

**int** j = 5;

**while**(j<3) {

System.***out***.println("Value of j is "+j);

}

}

}

In the above while loop value of j is greater than 3. So it won’t print anything.

do-while loop:

**package** package1;

**public** **class** JavaExamples {

**public** **static** **void** main(String[] args) {

**int** j = 5;

**do** {

System.***out***.println("Value of j is "+j);

}**while** (j<3);

}

}

In the above do-while loop, even though the value of j is greater than 3, it still executes once as the condition is mentioned at the bottom.