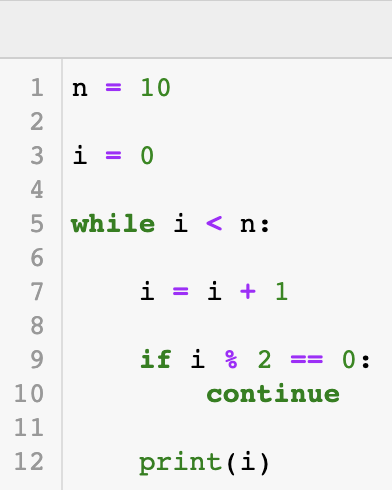
**Lecture 6.3. While loops (continued)**

**Q1. Continue statements**

The following code block on the right iterates over numbers from 0 to n and prints out odd numbers.

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| **Line** | **n** | **i** | **print statements** |
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**A picture containing text

Description automatically generated**

**Q2. Break statements**

Prime numbers are natural numbers greater than 1 that are only divisible by 1 and themselves.

For a givenpositive integer num, the code block on the right checks if it is prime or not.

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| **Line 1** | **num = 4** | | |
| **Line #** | **num** | **i** | **is\_prime** |
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| **Line 1** | **num = 5** | | |
| **Line #** | **num** | **i** | **is\_prime** |
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**Text

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**Q3.**

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| **prime\_count** | **nth\_prime** | **i** | **j** | **is\_prime** |
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| **prime\_count** | **nth\_prime** | **i** | **j** | **is\_prime** |
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