

## Worksheet: Iteration Basics 2

1. Study the code below and its desired output.

```
1 number = 1
2 while number <= 9:
3     if number % 3 == 0:
4         continue
5     print(number, end=" ")
6     number += 1
7 print()
1 1 2 4 5 7 8
```

a) The code does not work as intended.

Complete five rows of a trace table for the above program to understand the problem.

number	number <= 9	number % 3 == 0	Action

b) Explain what the problem is and how it can be fixed.

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