American Code Lab
Powered by Code Fellows

CODE 102

Intro to Software Development

Class 8

Agenda

1. Review of previous class
   - Share your learning

---

2. Computer Logic
   - Recap: Discussion Reading
   - Truth Tables

---

3. Computer Loops
   - Demo: ‘while’ and ‘for’
   - Lab: Add Features

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Initial Thought

“

A gentle reminder, sucking at something is the first step to learning something new...

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<review>

What did you learn?

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<review>

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A while Loop

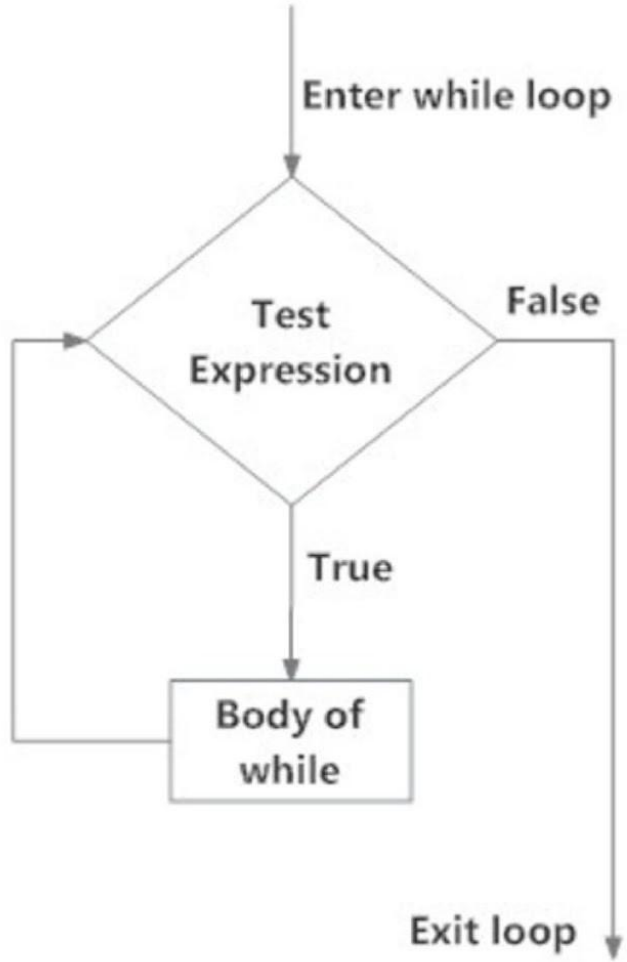

Fig: operation of while loop

Image: https://www.programiz.com/python-programming/while-loop

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A for Loop

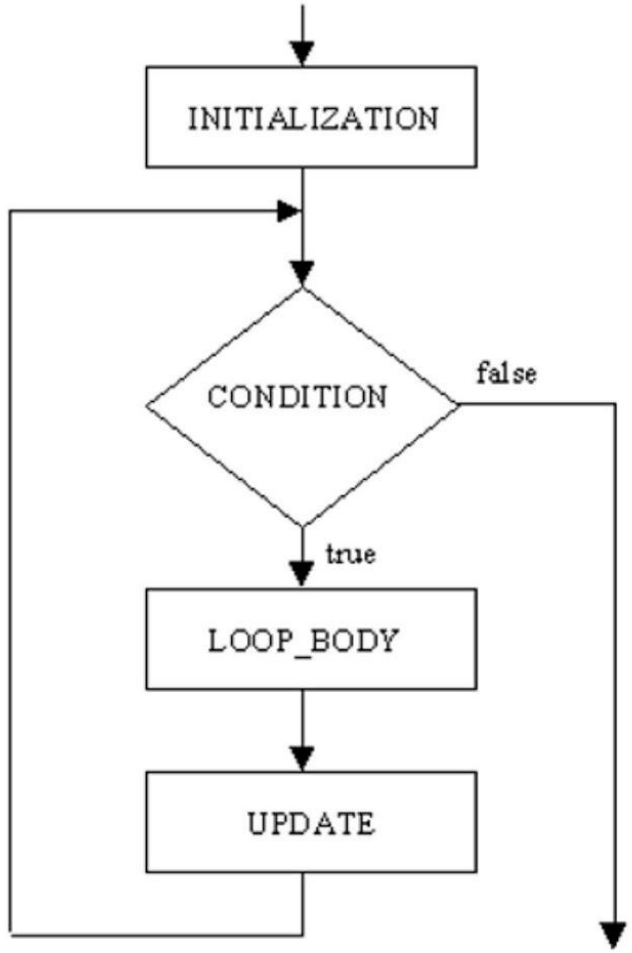

Image: https://clanguageprogrames.blogspot.com/2013/04/syntax-and-flowchart-of-for-loop.html

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A for Loop

```
for   (let i = 0; i <= 12; i = i + 1) {
      console.log(i * 8);
}
```

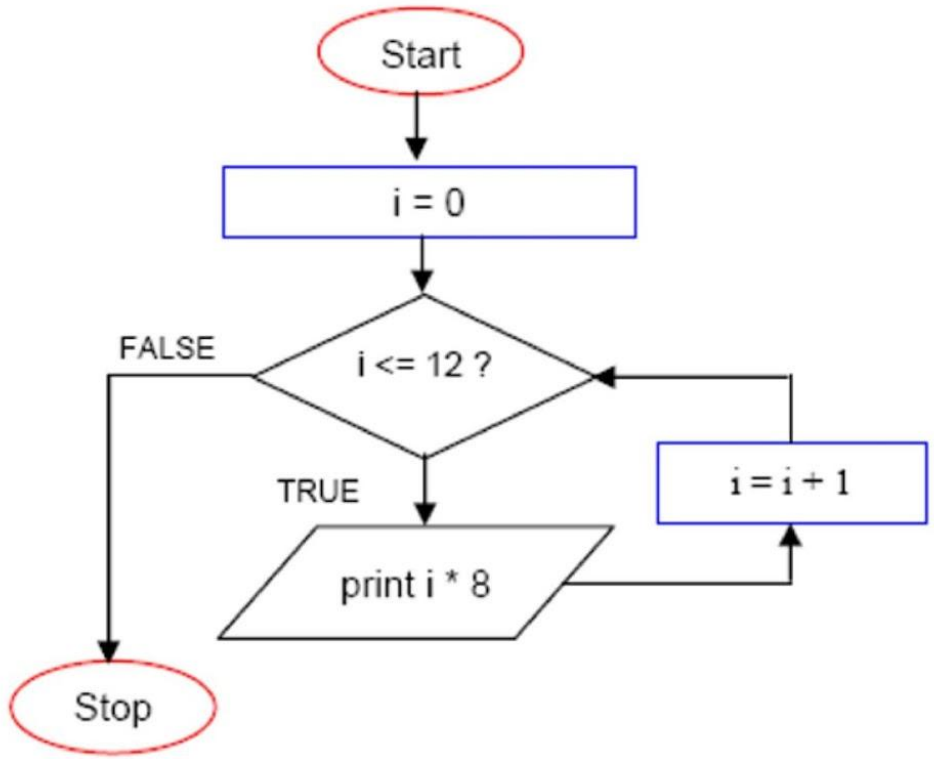

Image: https://www.tenouk.com/clabworksheet/labworksheet7_1.html

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<demo>

What can we do with our new skills?

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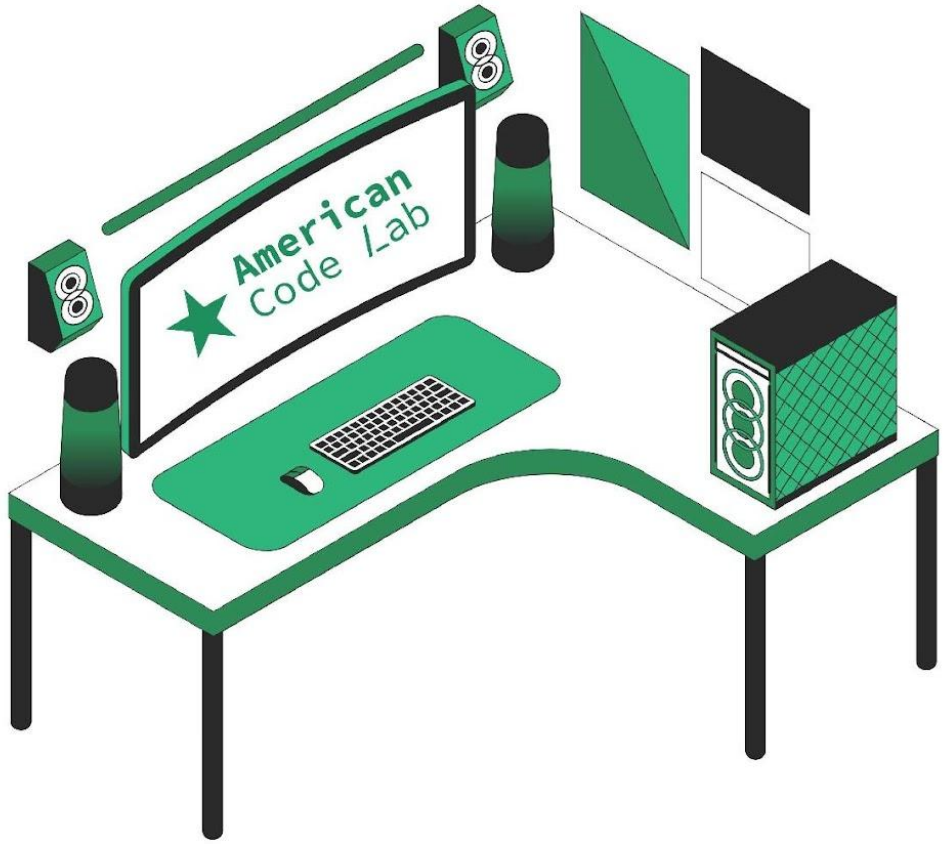
<lab>

Plan it out, then build it out



Thank you!