

UESTC 1005 - Introductory Programming

Lecture 4 - Operators and Program Control

Dr Hasan T Abbas

About Me

- IP Course Coordinator since 2019
- Research Interests in Numerical Electromagnetics
- Fascinated by Nanoscale Physics



Lecture Outline

- Dive deeper into operators (运算符)
- Make Decisions
- Introduce program control

Operators

In the last lecture, we looked at a number of operators available in C. C has in fact many more, and mastering all of them takes time.

- Interestingly, the results of operators as sometimes hardware dependent.
- Let's look at some interesting observations.

\textcolor{red}{Some Side Effects}

Some unexpected results:

```
int i;  
float pi;  
pi = i = 3.1416f;
```

Some Side Effects

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```
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```

The `float` variable `f` is assigned a value of `3.0` (as opposed to `3.1416`).

better to use multiple statements to avoid unexpected behaviour

Netlify

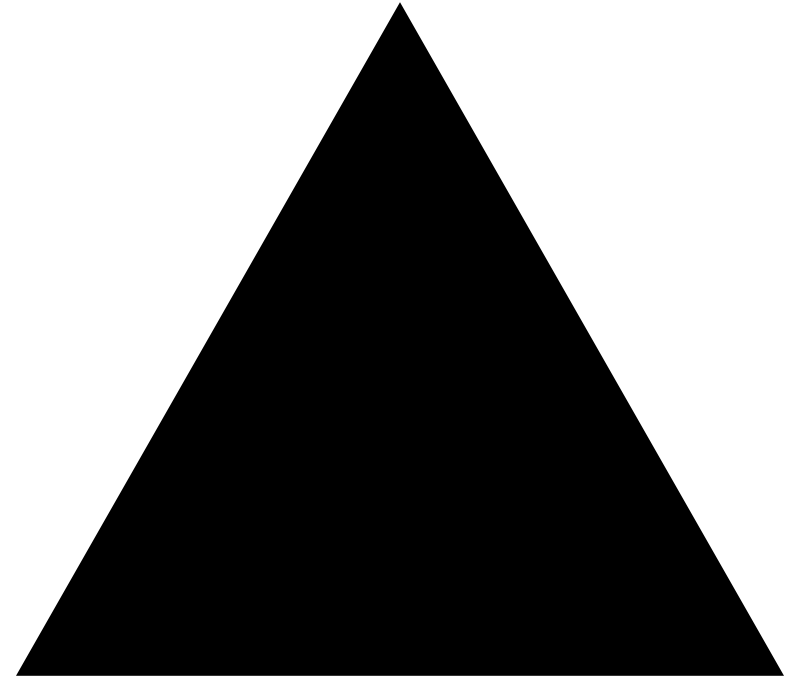
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Created by Yuki Hattori (@yhatt)

<https://github.com/yhatt/marp-cli-example>

