Teach CS

to local middle school students.

DLP.io/volunteer

week 2

types of variables

```
char

double

float

int

long long

...
```

float, double

casting

imprecision

sections

Sun, Mon, Tue

pset 1, hacker 1

scores

scope × (correctness × 3 + design × 2 + style × 1)

scores

5 - best

4 - better

3 - good

2 - fair

1 - poor

academic honesty

academic honesty

This course's philosophy on academic honesty is best stated as "be reasonable."

...

Generally speaking, when asking for help, you may show your code to others, but you may not view theirs, so long as you and they respect this policy's other constraints.

...

cs50.net/syllabus

http://i.imgur.com/ghP9nKp.jpg

conditions

```
if (condition)
{
    // do this
}
else if (condition)
{
    // do that
}
else
{
    // do this other thing
}
```

Boolean expressions

```
if (condition || condition)
{
    // do this
}
```

Boolean expressions

```
if (condition && condition)
{
    // do this
}
```

switches

```
switch (x)
{
    case 1:
        // do this
        break;

    case 2:
        // do that
        break;

    default:
        // do this other thing
        break;
}
```

loops

```
for (initializations; condition; updates)
{
    // do this again and again
}
```

loops

```
while (condition)
{
    // do this again and again
}
```

loops

```
do
{
    // do this again and again
}
while (condition);
```

variables

```
int counter = 0;
```

functions

```
string name = GetString();
printf("hello, %s\n", name);
```

scope

functions

to be continued...