This course examines basic concepts underlying the design of modern programming languages: types, control structures, abstraction mechanisms, inheritance, and constructs for programming. This course will include programming assignments in several languages.

What brain**ck has been used for:
Self interpreters!

```plaintext
>>>+[<<<]<[-]+++++++++[<++++><++-
]+++++++++++[>++++++++++<<<<]<[-]++>>[<+[-]>]>[-<[-]]>>>[-[>-]<<[>-]<]>[+<<<<++
]
]
]+<[++>]>+++>+++++[<++++]<.>+++++++

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http://www.hevanet.com/cristofd/brainfuck/]

Hello world!
>+++++++++[<++++++++>-]<.>+++++++++[<++++>-]
<.>++++++++++.>+++++++++[<++++>-]<.>++++++++++.>+++++++++[<++++>-]<.>++++++.>+++-.------.
```

**Original Distribution**

*Short: 240 byte compiler. Fun, with src. OS 2.0*
*Uploader: umueiler amiga physik unizh ch*
*Type: dev/lang*
*Architecture: m68k-amigaos*

The brainfuck compiler knows the following instructions:

**Cmd**  Effect
--- -------
+   Increases element under pointer
-   Decreases element under pointer
>   Increases pointer
<   Decreases pointer
[   Starts loop, flag under pointer
]   Indicates end of loop
,   Outputs ASCII code under pointer
,   Reads char and stores ASCII under ptr

Who can program anything useful with it? :)

**Creator:**
Urban Muller

**Other uses:**

**Created by:**
Brandon Tinkham
William McCrone

**Stress Reduction Kit**

*Bang Head Here*

Directions:
1. Place kit on FRBM surface.
2. Follow directions in circle of kit.
3. Repeat step 2 as necessary, or until unconscious.
4. If unconscious, cease stress reduction activity.