

C++ FizzBuzz:

```
#include <iostream>
using namespace std;
int main ()
{
    for(int i = 1; i <= 100; i++)
    {
        if(i % 3 == 0 && i % 5 == 0) {
            cout << "FizzBuzz" << endl;
        } else if(i % 3 == 0) {
            cout << "Fizz" << endl;
        } else if(i % 5 == 0) {
            cout << "Buzz" << endl;
        } else {
            cout << i << endl;
        }
    }
    return 0;
}
```

Python FizzBuzz:

```
for i in range(1,100):
    if i % 3 == 0 and i % 5 == 0:
        print("FizzBuzz")
    elif i % 3 == 0:
        print("Fizz")
    elif i % 5 == 0:
        print("Buzz")
    else:
        print(i)
```

JavaScript FizzBuzz:

```
function fizzBuzz() {
    for(var i = 1; i <= 100; i++)
    {
        if(i % 3 == 0 && i % 5 == 0) {
            console.log("FizzBuzz");
        } else if(i % 3 == 0) {
            console.log("Fizz");
        } else if(i % 5 == 0) {
            console.log("Buzz");
        } else {
            console.log(i);
        }
    }
    return 0;
}
```

JavaScript and HTML FizzBuzz for Web:

FizzBuzz.html:

```
<!DOCTYPE html>
<html>
  <head>
    <script type="text/javascript"
      src="fizzBuzz_web.js"></script>
  </head>
  <body onload=fizzBuzz()>
    <div id="fizzBuzzOutput">
      This is the default text.
    </div>
  </body>
</html>
```

fizzBuzz_web.js:

```
function fizzBuzz() {
  fb_div = document.getElementById('fizzBuzzOutput');

  // clear current contents
  fb_div.innerHTML = ""

  for(var i = 1; i <= 100; i++)
  {
    if(i % 3 == 0 && i % 5 == 0) {
      fb_div.innerHTML += "FizzBuzz<br>";
    } else if(i % 3 == 0) {
      fb_div.innerHTML += "Fizz<br>";
    } else if(i % 5 == 0) {
      fb_div.innerHTML += "Buzz<br>";
    } else {
      fb_div.innerHTML += i + "<br>";
    }
  }
  return 0;
}
```

fizzBuzz_web_noLoop.js:

```
function fizzBuzz() {
    fb_div = document.getElementById('fizzBuzzOutput');

    // clear current contents
    fb_div.innerHTML = ""

    var i = 1;
    var timer = setInterval(function() {
        if(i % 3 == 0 && i % 5 == 0) {
            fb_div.innerHTML += "FizzBuzz<br>";
        } else if(i % 3 == 0) {
            fb_div.innerHTML += "Fizz<br>";
        } else if(i % 5 == 0) {
            fb_div.innerHTML += "Buzz<br>";
        } else {
            fb_div.innerHTML += i + "<br>";
        }
        i++;
        if (i == 100) {
            // stop the timer
            clearInterval(timer);
        }
    }, 1);
    return 0;
}
```

Haskell fizzBuzz.hs

module Main where

```
main :: IO ()
main = printAll $ map fizzBuzz [1..100]
    where
        printAll [] = return ()
        printAll (x:xs) = putStrLn x >> printAll xs
```

```
fizzBuzz :: Integer -> String
fizzBuzz n | n `mod` 15 == 0 = "FizzBuzz"
           | n `mod` 5  == 0 = "Fizz"
           | n `mod` 3  == 0 = "Buzz"
           | otherwise      = show n
```

COBOL fizzBuzz.cbl

```
IDENTIFICATION DIVISION.
PROGRAM-ID. FIZZ-BUZZ.
DATA DIVISION.
WORKING-STORAGE SECTION.
01 CT PIC 999 VALUE 1.
01 FZ PIC 999 VALUE 1.
01 BZ PIC 999 VALUE 1.
PROCEDURE DIVISION.
FIZZ-BUZZ-MAIN SECTION.
    PERFORM 100 TIMES
        IF FZ = 3
            THEN IF BZ = 5
                THEN DISPLAY "FizzBuzz"
                COMPUTE BZ = 0
                ELSE DISPLAY "Fizz"
                END-IF
                COMPUTE FZ = 0
            ELSE IF BZ = 5
                THEN DISPLAY "Buzz"
                COMPUTE BZ = 0
            ELSE
                DISPLAY CT
            END-IF
        END-IF
        ADD 1 TO CT
        ADD 1 TO FZ
        ADD 1 TO BZ
    END-PERFORM
STOP RUN.
```

Obfuscated C Contest, Fluid Simulator:

```
# include<stdio.h>// .IOCCC Fluid- #
# include <unistd.h> //2012 _Sim!_ #
# include<complex.h> //||| ,____. IOCCC- #
# define h for( x=011; 2012/* #
# */-l>x ++;)b[ x]//-' winner #
# define f(p,e) for(/* #
# */p=a; e,p<r; p+=5)// #
# define z(e,i) f(p,p/* #
## */[i]=e)f(q,w=cabs (d=*p- *q)/2- 1)if(0 <(x=1- w))p[i]+=w*/// ##
double complex a [ 97687] ,*p,*q ,*r=a, w=0,d; int x,y;char b/* ##
## */[6856]="\x1b[2J" "\x1b" "[1;1H ", *o= b, *t; int main (){/** ##
## */for( ;0<(x= getc ( stdin) );)w=x >10?32< x?4[/** ##
## */*r++ =w,r]= w+1,*r =r[5]= x==35, r+=9:0 ,w-1/* ##
## */:(x= w+2);; for(; puts(o ),o=b+ 4){z(p [1]/*** ##
## */9,2) w;z(G, 3)(d*( 3-p[2] -q[2]) *P+p[4 ]*V-/* ##
## */q[4] *V)/p[ 2];h=0 ;f(p,( t=b+10 +(x=*p *I)+/* ##
## */80*( y=*p/2 ),*p+=p [4]+=p [3]/10 *!p[1]) )x=0/* ##
## */ <=x &&x<79 &&0<=y&&y<23?1[1 [*t|=8 ,t]|=4,t+=80]=1/* ##
## */ , *t |=2:0; h=" '\`-.|//,\\" "|\\" "\\"/\x23\n"[x/*** ##
## */%80- 9?x[b] :16];;usleep( 12321) ;}return 0;}/** ##
#### #####
**#####*/
```