

MancJS Xmas Geek Quiz 0x7e0

In what year was JS
first released?

1995

JavaScript has been
standardised in the *what*
specification?

What's the name of the engine that powers current versions of Node.js?

Which company is
behind V8?

Facebook recently released
a package manager for
Node.js. What is it called?

What is Ryan Dahl
most known for?

Which came first,
JavaScript or Perl?

Perl (1987 vs 1995)

Which came first,
JavaScript or Python?

Python (1991 vs 1995)

Which came first,
JavaScript or Ruby?

JS (1995 May vs 1995 Dec)

Identify the language

```
program HelloWorld;  
  
begin  
    writeln( 'Hello World' );  
end.
```

Pascal

Identify the language

```
#include <iostream>

int main()
{
    std::cout << "Hello, world!\n";
}
```

C++

Identify the language

```
function extend<T, U>(first: T, second: U): T & U {  
    let result = <T & U>{};  
    for (let id in first) {  
        (<any>result)[id] = (<any>first)[id];  
    }  
    for (let id in second) {  
        if (!result.hasOwnProperty(id)) {  
            (<any>result)[id] = (<any>second)[id];  
        }  
    }  
    return result;  
}
```

TypeScript

Identify the language

```
-module(fact).  
-export([fac/1]).  
  
fac(0) -> 1;  
fac(N) when N > 0, is_integer(N) -> N * fac(N-1).
```

Erlang

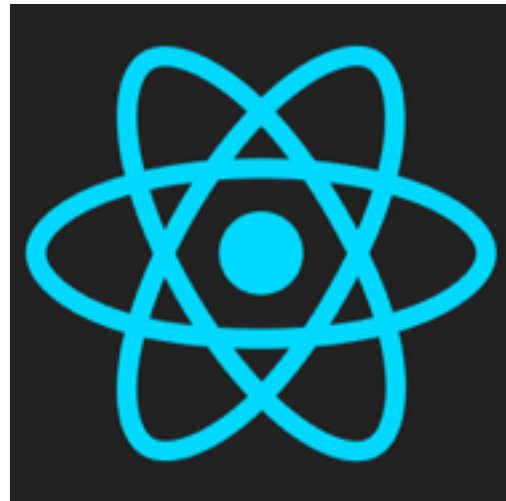
Identify the language

```
type Rectangle struct {  
    Name      string  
    Width, Height float64  
}  
  
func (r Rectangle) Area() float64 {  
    return r.Width * r.Height  
}
```

Which JS project does
this logo belong to?



Which JS project does
this logo belong to?



React.js

Which language does
this logo belong to?



What's this?



Commodore 64

Which language does
this logo belong to?



Python

Which OSS project does
this logo belong to?



Java

Name the current
programming language
used for each project:

- Ghost (Blog)
- Drupal
- Nginx
- Hadoop
- CouchDB
- Golang

6 points

Ghost: JavaScript/Node.js

Drupal: PHP

Nginx: C

Hadoop: Java

CouchDB: Erlang

Go: Go

For each language, state whether or not it uses garbage collection:

- JavaScript
- Objective-C
- Haskell (GHC)
- Scala
- Lua
- C#

6 points

JavaScript: GC
Objective-C: Non-GC
Haskell: GC
Scala: GC
Lua: GC
C#: GC

Which language does
this logo belong to?



Clojure

Which OSS project does
this logo belong to?



According to the Tiobe Index (Dec 2016), which are the top 3 most popular programming languages?

3 points

Java
C
C++

How long (in bits) is a
UUID version 4?

128 bits

State the MIME type for
the following data types:

- JSON
- HTML
- XML

3 points

JSON: application/json

HTML: text/html

XML: application/xml OR text/xml

The following are kinds of
what?

- Insertion
- Quick
- Selection
- Merge

Sorting algorithms



Name as many primary
characters from the movie
Hackers as you can

12 points

Dude Murphy / Zero Cool / Crash Override

Kate Libby / Acid Burn

Ramon Sanchez / The Phantom Phreak

Emmanuel Goldstein / Cereal Killer

Paul Cook / Lord Nikon

Joey Pardella

Eugene Belford / The Plague

Margo Wallace

Richard Gill

Razor

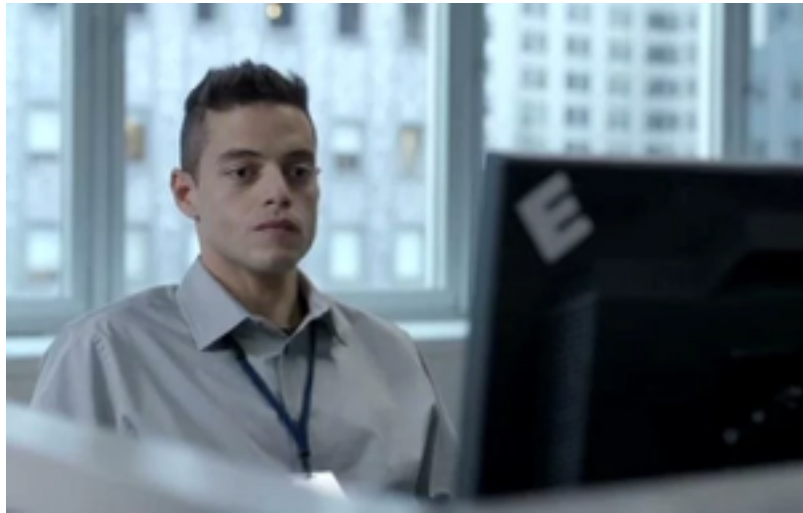
Blade

Mr. Ellingson



In what year was the
game Doom first
released?

1993



Name the TV show

Mr. Robot

What's the output?

```
console.log( '5' + 5 );  
console.log( '5' - 5 );
```

2 points

55

0

What's the output?

```
console.log(typeof NaN);
```

number

What's the output?

```
var fn = function()  
{  
  return  
  {  
    data: 'hello!'  
  };  
};  
  
console.log(fn().data);
```

An error (undefined.data)

What's the result?

[] + { }
{ } + []

2 points

[object Object]

0

What's the output?

```
( a === b ) &&  
( 1/a < 1/b ) === true
```

a = -0
b = 0

Link the person to the community
they're most well known in:

- DHH
- Isaac Schlueter
- Rich Hickey
- Guido van Rossum
- Rasmus Lerdorf
- James Gosling
- JavaScript
- Ruby
- Java
- Python
- Clojure
- PHP

5 points

DHH: Ruby

Isaac: JavaScript

Hickey: Clojure

Rossum: Python

Lerdorf: PHP

Who said this?

"There aren't enough swear-words in the English language, so now I'll have to call you perkeleen vittupää just to express my disgust and frustration with this crap."

Linus Torvalds

Who is the odd one out
and why?

- Bjarne Stroustrup
- Anders Hejlsberg
- Linus Torvalds
- Lars Bak
- David Heinemeier Hansson

2 points

Linus – he's Finnish, the rest are Danish

Name the quote authors:

1. “Nine people can’t make a baby in a month.”
2. "Talk is cheap. Show me the code."
3. "Beware of bugs in the above code; I have only proved it correct, not tried it.”
4. “Some people, when confronted with a problem, think "I know, I'll use regular expressions. Now they have two problems.””

4 points

- 1: Fred Brooks
- 2: Linus Torvalds
- 3: Donald Knuth
- 4: Jamie Zawinski

Name a programming
language that no other
team can name.

5 points

Go around each team, shout out answer, call it out if you have the same.

Total possible points: 80