



Introduction

By the secretary

It is only a few more weeks before the exam weeks, and most people are enjoying their last bit of quiet before the storm. Whilst it is not the most calm period, especially for the poor sods doing the seventh module of Computer Science right now, it is still nice to have a bit of a break every now and then. So sit down, talk to the people around you, and try your hand at the Pandora puzzle, which is most likely the most difficult PVC puzzle this academic year.

Bartenders' blog

From the teppers

There's nothing quite like sitting down after a long day and enjoying the crisp taste of your favorite beer. But how much do you actually know about the third most popular drink in the world? Check out these fascinating facts about craft beer that are sure to impress your friends on your next night out.

1: *The Czech Republic Drinks the Most Beer*

If we're talking per capita, the Czech Republic drinks more beer than any other country in the world.

2: *Beer Was Part of a Normal Diet*

Back in the Middle Ages, beer was considered to be a normal part of the human diet. People drank it daily because they thought it was necessary for their health.

3: *In Some Countries, McDonald's Has Beer*

In many parts of the world, you

can order a crisp beer at McDonalds. Unfortunately, that's not possible here in the Netherlands, but countries such as South Korea, Germany, Spain and Portugal serve beer to their patrons.

4: *Heineken Made Beer Bottles to be Used as Bricks*

Back in the 1960's, Heineken crafted their beer bottles so that they could double as bricks for houses or other buildings. The thought process behind this was to provide an inexpensive building material and limit the amount of waste in the world due to beer bottles.

5: *Belgians Serve Beer in Elementary Schools*

We've all heard how harmful traditional soda can be for the body. In the early 2000s, Belgians began serving beer with a lower alcohol content to elementary school students. They did this to offer a healthier option to traditional soda.

6: *We Can Trace Beer Back to 3,500 BC*

It's clear beer was a popular beverage worldwide. Western Iran has shown the earliest evidence of beer making. Chemical tests have been run on pots from around this time that show beer was produced in Western Iran as early as 3,500 BC.

7: *There are Over 100 Varieties of Beer*

When looking at a brewery menu or the selection in a store or when you buy beer online, you've probably seen sours, ales, lagers, and much more. There are only two categories of beer, ales, and lagers, but all your favorite IPAs and other creations

are all varieties of these two categories. There is even a beer that tastes like pizza!

The I/O Vivat

By Jelle Maas

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Naked Mole Rat Fact of the Week

By the secretary

Sand puppies have a diet that mostly consists of large tubers (Examples of tubers are potatoes and yams) that can weigh around a thousand times the body weight of your average mole rat, which they discover through mining operations.

A singular tuber can feed a colony for months or even years, since they only eat the inside while leaving the outside mostly intact, which allows the tuber to regrow internally. In their intes-

times, they have symbiotic bacteria that allow them to internally ferment the indigestible cellulose in the fibres into fatty acids. They also eat their own poop.

8 Fun Facts about Black Holes

By Krisiyan Dimitrov

1. **Spaghettification:** Near a black hole's event horizon, the gravitational pull is so intense that it can stretch objects into long, thin shapes – a phenomenon whimsically called “spaghettification.”

2. **Time Dilation:** According to Einstein's theory of relativity, time slows down near massive objects. So, for an observer far from a black hole, time would appear to pass more quickly for someone falling into the black hole.

3. **Supermassive Black Holes:** At the center of most galaxies, including our own Milky Way, lurk supermassive black holes millions to billions of times more massive than the Sun.

4. **Hawking Radiation:** Proposed by physicist Stephen Hawking, black holes are not completely black. They emit radiation, now known as Hawking radiation, due to quantum effects near the event horizon, slowly losing mass and evaporating over time.

5. **Black Hole Mergers:** When two black holes orbit each other and eventually collide, they send ripples through spacetime known as gravitational waves, which were first detected in 2015, confirm-

ing a prediction made by Einstein's theory of general relativity.

6. **Galactic Sculptors:** Black holes influence the formation and evolution of galaxies by shaping their structure through their gravitational pull, affecting the distribution of stars and gas.

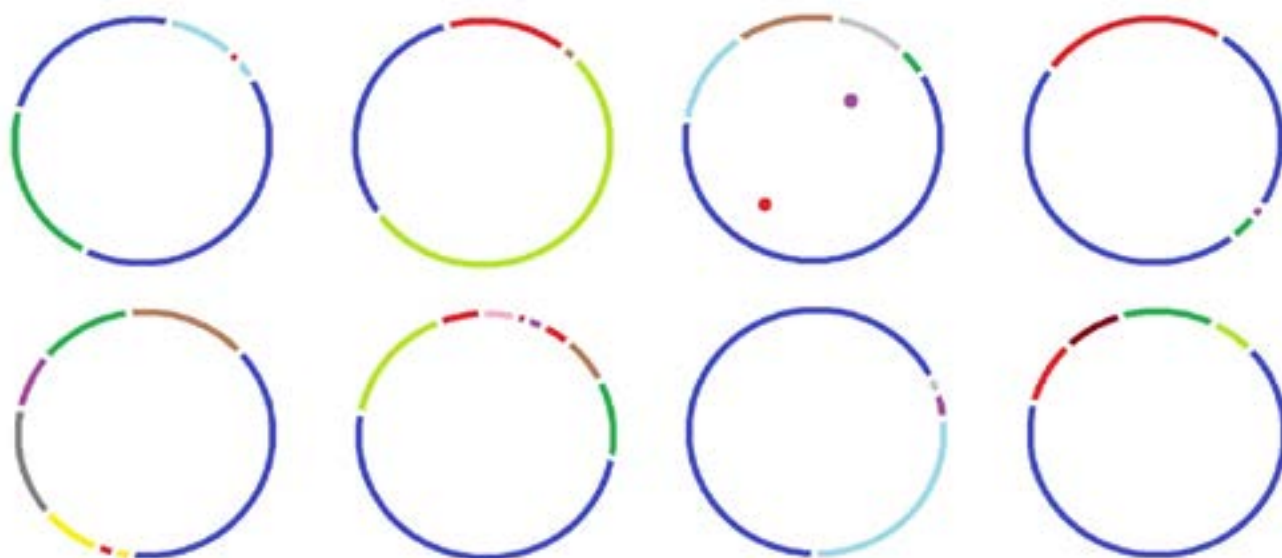
7. **Miniature Black Holes:** Theoretical physics suggests that microscopic black holes could have formed in the early universe. However, none have been detected yet, and their existence remains speculative.

8. **Simulated Reality:** Some scientists propose that black holes could potentially be used as natural particle accelerators or portals to other universes, although these ideas are highly speculative and currently reside in the realm of science fiction.

Pandora Hype Puzzle();

By Jelle Maas

You might have heard of and seen the activity Pandora before. It is quite a big activity, it is a puzzle game where 25 teams (consisting of a maximum of 6 people) compete against each other by solving puzzles and battling each other. So if you are interested in joining Pandora then go to iapandora.nl and sign in your own team! To give a little teaser the puzzles could look a bit like the following one and if you solve it you get 11 free drinks. As always a puzzle during pandora cannot have a title, so the title for this puzzle is: **Dark Blue Water**



Colofon

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See you next Friday Afternoon drink!