

HACKEREARTH

HackBenchers

(A HACKATHON FOR ASPIRING AND COLOURFUL MINDS)

#4

TOPIC :

GOLDEN RATIO...



Acknowledgement

I **Jaskeerat Singh** with my project partner **Bala Yokesh** created a website based on the topic of **Golden Ratio** . It highlights all the key information related to the topic. The viewer may encounter:

1. Basic Definition of Golden Ratio
2. How it is calculated(The formula used) ?
3. From where it came?
4. How it is used?
5. Applications of Golden Ratio in various areas depicted using pictures
6. Various pictures in the GALLERY section according to user's selection

TECHNOLOGIES WE USED TO DESIGN THE WEBSITE :

1. HTML
2. CSS
3. Bootstrap
4. Javascript (Jquery lite version, popper.js, Ajax)

The things that definitely gonna catch attention of the viewers are :

1. Responsiveness
2. Bug free
3. Easily maintainable code
4. Attractive UI

1. Responsiveness :

The website is complete responsive i.e it will function very well on large devices like (Desktops , Laptops) , on medium devices (Tablets , iPads) as well as on small devices (Mobile phones).



2. Bug free :

A software **bug** is an error, flaw or fault in a computer program or system that causes the abnormal functioning of the website.
But our website is totally bug free so you won't be experiencing any of the mentioned problems.



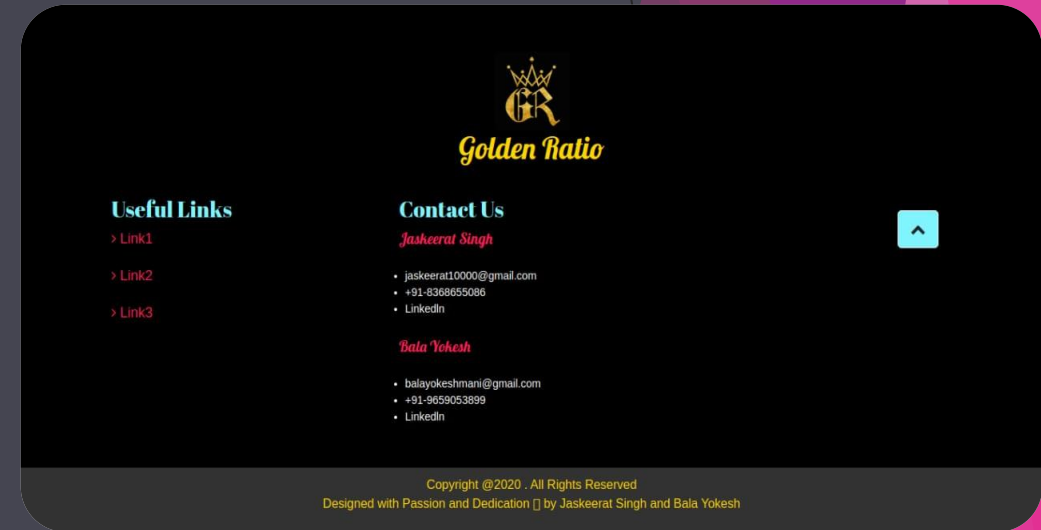
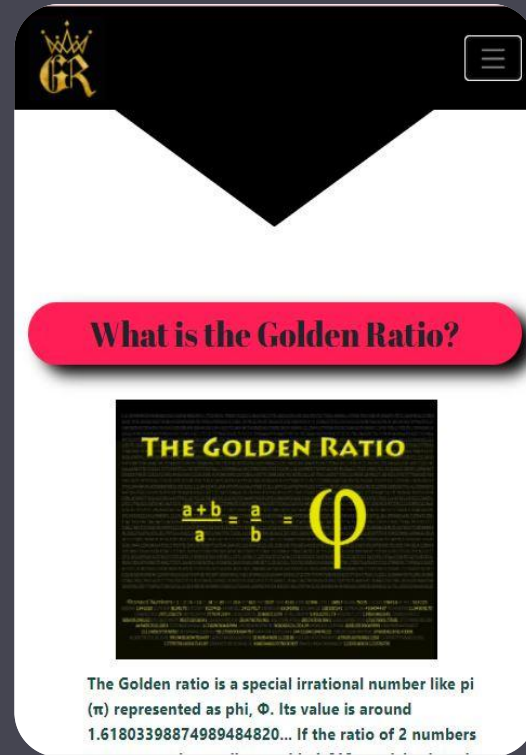
3. Easily maintainable code :

Our code is well and easily maintained for easy access.

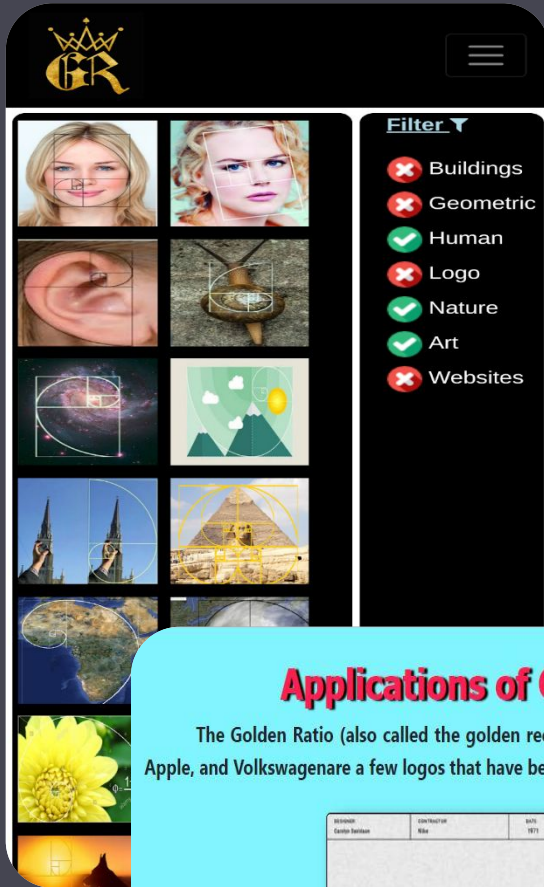
The image is a collage of three screenshots from a web development project. The top-left screenshot shows the 'index.html' file in a code editor, featuring Bootstrap 4.0.0 and Font Awesome 4.7.0 links. The top-right screenshot shows the 'home.css' file, containing CSS rules for the body, html, and various elements like #top-header, #logo, .nav-item, .navbar .nav-item .nav-link: hover, and .myH1.glow. The bottom screenshot shows a preview of the web application, displaying a navigation bar with links for Home, Architecture, Logo Designing, and Gallery, along with a dropdown menu for Applications.

4. Attractive UI:

Our website has a attractive User Interface which can attract anyone's attention

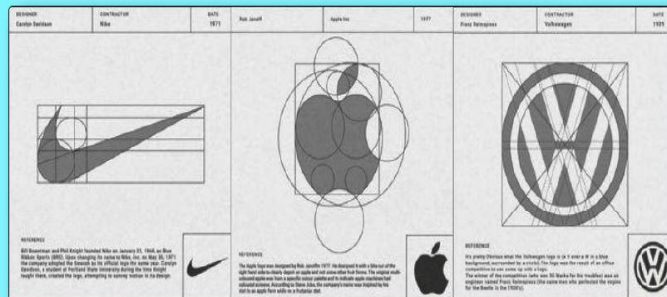


Here are some screenshots of our website on various devices

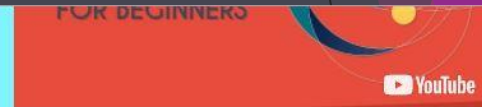


Applications of Golden ratio in logo designing

The Golden Ratio (also called the golden rectangle and golden mean) is used by designers in creating product logos. Nike, Apple, and Volkswagen are a few logos that have been created using the golden ratio illustration.



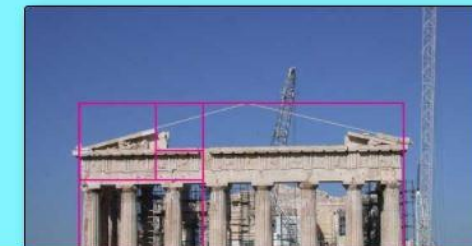
The Golden Ratio is a mathematical ratio. It is commonly found in nature, and it can also be used to achieve beauty, balance and harmony in art, design (such as: architecture, logos, UI Design...) and photography. A Fibonacci sequence starting with 0 and



The Golden Ratio in use

It's believed that the Golden Ratio has been in use for at least 4,000 years in human art and design. However, it may be even longer than that – some people argue that the Ancient Egyptians used the principle to build the pyramids.

World-famous buildings to inspire you In more contemporary times, the Golden Ratio can be observed in music, art, and design all around you. By applying a similar working methodology, you can bring the same design sensibilities to your own work. Let's take a look at a couple of examples to inspire you.



We hope that our work is satisfactory according to the rules of the HACKATHON and may have delighted you .

THANKING YOU FOR UR PRECIOUS TIME

