

**Visvesvaraya Technological University Belagavi-
590018, Karnataka**



A Mini Project Report on

JIT Photography

**Submitted in partial fulfilment of the requirement for the subject
Web Technology**

**Bachelor of Engineering in
Information Science and Engineering
Submitted by**

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CERTIFICATE

Certified that the mini project work entitled “ **Coin Master**” carried out by **Badarinath h.r [1JT18IS013], Darshan g [1JT18IS021], Pramod k.l [1JT18IS045] Prasanna r [1JT18IS046]** bonafide student's of Jyothy Institute of Technology, in partial fulfilment for the award of **Bachelor of Engineering in Information Science and Engineering** department of the **Visvesvaraya Technological University, Belagavi** during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The mini project report has been approved as it satisfies the academic requirements in respect of Mini Project work prescribed for the said Degree.

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ABSTRACT

Cryptocurrency, an encrypted, peer-to-peer network for facilitating digital barter, is a technology developed eight years ago. Bitcoin, the first and most popular cryptocurrency, is paving the way as a disruptive technology to long standing and unchanged financial payment systems that have been in place for many decades. While cryptocurrencies are not likely to replace traditional fiat currency, they could change the way Internet-connected global markets interact with each other, clearing away barriers surrounding normative national currencies and exchange rates. Technology advances at a rapid rate, and the success of a given technology is almost solely dictated by the market upon which it seeks to improve. Cryptocurrencies may revolutionize digital trade markets by creating a free flowing trading system without fees. A SWOT analysis of Bitcoin is presented, which illuminates some of the recent events and movements that could influence whether Bitcoin contributes to a shift in economic paradigm. In this paper we will focus on Blogging platform for the member of organization. In this we can also implement the discussion forum. This platform can be used for any organization which will provide facility to configure personal website or Blog to each member. In today's scenario we are having various options of the blogging platforms like WordPress, blogger few to say. But they are having various drawbacks like we can't customize this software as per our need and also these website is not feasible to give special blogging environment for any organization

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CHAPTER 1 :

INTRODUCTION

INTRODUCTION

1.1 Cryptocurrency

“[A cryptocurrency, crypto-currency, or crypto is a digital asset designed to work as a medium of exchange wherein individual coin ownership records are stored in a ledger existing in a form of a computerized database using strong cryptography to secure transaction records, to control the creation of additional coins, and to verify the transfer of coin ownership.”

Bitcoin, first released as open-source software in 2009, is the first decentralized cryptocurrency. Since the release of bitcoin, many other cryptocurrencies have be



What Is a Cryptocurrency?

Cryptocurrencies challenge the orthodoxy of how a currency works in ways that excite some and worry others. So, what exactly is cryptocurrency and why is it different? Unlike other currencies, all cryptocurrencies are entirely digital. No cryptocurrency prints money or mints coins. Everything is done online. Conventional forms of currency are generated by government and then circulated in the economy, via banks.

Value of a Cryptocurrency

Cryptocurrencies do not rely on either of these institutions. Instead, cryptocurrency is decentralized. In other words, it is created, exchanged and regulated by its users. Cryptocurrencies are digitally mined. Mining precious metals has been used as a means of giving value to money. The question of how cryptocurrencies have value is complex, and reveals that any currency derives its worth from faith in its purchasing power. All currencies require a system that guards against misuse and fraud.

Blockchain

In banking, this is done with ledgers which track the flow of money through accounts. With cryptocurrency, the task is undertaken with blockchain using a form of maths called cryptology. Blockchain is a secure record of every single transaction made using a cryptocurrency. Verified transactions are added to the blockchain as part of the mining process. Mining is therefore not just about creating new money but also validating transactions. While it's possible to buy cryptocurrency- all you need is a digital wallet as part of a free app or a cryptocurrency tax software — finding places that will accept it, the variable transaction charges and volatile exchange rates make buying and selling with it difficult.

Applications of Cryptocurrency

Cryptocurrency could transform the way we do transactions. The so-called distributed ledger technology behind blockchain can be integrated into all sorts of business processes that require trust among multiple parties. That's because blockchains store information that are both secure and transparent. Pretty exciting, but how is that possible? For one thing, because of the blocks themselves. Now, rather than a long string of records, information in a blockchain is cut up into sealed blocks. Thanks to the use of cryptography, it is impossible to change or counterfeit the records in the block. But what's inside these blocks?

Each block contains certain data, for example when selling an exclusive painting you want the block to have information on the name of the painting, the artist the previous owner, the new owner, the time of the sale and transaction. Next to the data, each block has an identifiable hash. This is a unique code, that functions like a fingerprint.

Benefits of Cryptocurrency

The defining benefit of cryptocurrency is that it is not governed by any central authority or financial institution, rendering them immune to government interference or manipulation. This is called having a decentralized system. A centralized economic system, however, consists of government or corporate control of currency. The government and central banks control the supply of currency by printing units of fiat money and controlling their values as well as transaction cost. In a decentralized economic system, the supply and value of virtual currencies are controlled by the users themselves, through highly complex protocols using peer-to-peer network.

Bitcoin

In 2009, Satoshi Nakamoto, a pseudonymous individual or group, proposed an electronic payment system that is based on peer-to-peer network which is supported by cryptographic proof instead of relying on trust or a third party system. To prevent problems such as double spending, bitcoin transactions are recorded on a public ledger using blockchain technology so everyone in the world can verify who gets paid first. Each transaction is seen as a case-sensitive address which anyone can generate in order to receive the coins.

Altcoins

Today, there are many Bitcoin alternative coins called altcoins. Most altcoins hope to either replace or improve upon Bitcoin or even with each other. Altcoins can vary widely from each other and each altcoin promises features such as faster transaction speed, more secure privacy, proof-of-stake and many more.

1.2 Introduction To HTML

HTML stands for HyperText Markup Language. It is used to design web pages using a markup language. HTML is the combination of Hypertext and Markup language. Hypertext defines the link between the web pages. A markup language is used to define the text document within tag which defines the structure of web pages. This language is used to annotate (make notes for the computer) text so that a machine can understand it and manipulate text accordingly. Most markup languages (e.g. HTML) are human-readable. The language uses tags to define what manipulation has to be done on the text.

- In 1991 tim berners lee invented HTML
- In year 2000, the world wide web consortium (W3c) recommended XHTML 1.0
- In 2004, **WHATWG** (Web Hypertext Application Technology Working Group) was formed.
- In 2008, the HTML5 public draft was released
- In HTML there are some implicit attribute values
- We can omit the closing tags sometimes in HTML document.
- The HTML tags are case insensitive .hence **<body>** or **<BODY>** or **<Body>** are treated as one and the same.

1.3 Introduction To CSS

Cascading Style Sheets, fondly referred to as CSS, is a simply designed language intended to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page. CSS is easy to learn and understood, but it provides powerful control over the presentation of an HTML document.

- A CSS comprises style rules that are interpreted by the browser and then applied to the corresponding elements in your document.
- A style rule set consists of a selector and declaration block.

Selector -- h1
Declaration -- {color:blue;font size:12px;}

- The selector points to the HTML element you want to style.
- The declaration block contains one or more declarations separated by semicolons.
- Each declaration includes a CSS property name and a value, separated by a colon.
- For Example:
 - –; color is property and blue is value.
 - –; font size is property and 12px is value.
- A CSS declaration always ends with a semicolon, and declaration blocks are surrounded by curly braces.

1.4 Introduction To JavaScript

JavaScript is a lightweight, cross-platform, and interpreted scripting language. It is well-known for the development of web pages, many non-browser environments also use it. JavaScript can be used for Client-side developments as well as Server-side developments. JavaScript contains a standard library of objects, like Array, Date, and Math, and a core set of language elements like operators, control structures, and statements.

- **Client-side:** It supplies objects to control a browser and its Document Object Model (DOM). Like if client-side extensions allow an application to place elements on an HTML form and respond to user events such as mouse clicks, form input, and page navigation. Useful libraries for the client-side are AngularJS, ReactJS, VueJS and so many others.
- **Server-side:** It supplies objects relevant to running JavaScript on a server. Like if the server-side extensions allow an application to communicate with a database, and provide continuity of information from one invocation to another of the application, or perform file manipulations on a server. The useful framework which is the most famous these days is node.js.
- JavaScript can be added to your HTML file in two ways:
- **Internal JS:** We can add JavaScript directly to our HTML file by writing the code inside the `<script>` tag. The `<script>` tag can either be placed inside the `<head>` or the `<body>` tag according to the requirement.
- **External JS:** We can write JavaScript code in other file having an extension .js and then link this file inside the `<head>` tag of the HTML file in which we want to add this code.
- **Syntax:**

```
<script>  
  ■ // JavaScript Code  
</script>
```

React (A JavaScript library for building user interfaces)

React (also known as React.js or ReactJS) is a free and open-source front-end JavaScript library for building user interfaces or UI components. It is maintained by Facebook and a community of individual developers and companies. React can be used as a base in the development of single-page or mobile applications.

Axios Library: -

Axios is a simple promise based HTTP client for the browser and node.js. Axios provides a simple to use library in a small package with a very extensible interface.

Installing

npm:

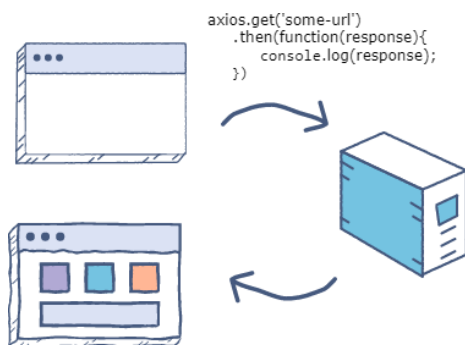
install axios

Using

\$ npm

A GET request can be made with Axios to “get” data from a server. The HTTP get request is performed by calling `axios.get()`.

The `get()` method requires two parameters to be supplied to it. First, it needs the URI of the service endpoint. Second, it should be passed an object that contains the properties we want to send to our server.



Fetching API Data with React.JS

API: An API is basically a set of data, often in JSON format with specified endpoints. When we access data from an API, we want to access specific endpoints within that API framework.

Cryptocurrency API:-

The CoinGecko data market APIs are a set of robust APIs that developers can use to not only enhance their existing apps and services but also to build advanced crypto market apps. Access CoinGecko data such as live pricing, trading volume, tickers, exchanges, historical

data, coin info & images, developer & community stats, events, global markets, and CoinGecko Beam coins & exchanges status updates directly.

Embedding a React Application to HTML

This boilerplate holds a functional React application where you can develop whatever you like. This component

renders a web IDE where you can write code and instantly see the outcome

The 4-Step Process:-

1. We want our application to mount onto a unique `<div></div>` that we have control over. Let's change the application's target div to something unique.
2. We need to update the application's homepage to serve the build from wherever your website lives. This is done by adding "homepage": "." to the package.json file.
3. Now we need to build the application and extract the Webpack bundle to be used as static assets on our other website.

First, run `yarn build` to produce a minified build.

Second, create a folder to hold the three files your application needs to run. I named mine `dist`. You will need these three files

The file holding roughly a minified version of the libraries you are using.

`./build/static/js/2.<someUniqueNumbers>.chunk.js`

The file holding a minified version of your code.

`./build/static/js/main.<someUniqueNumbers>.chunk.js`

The file holding the code to launch your application.

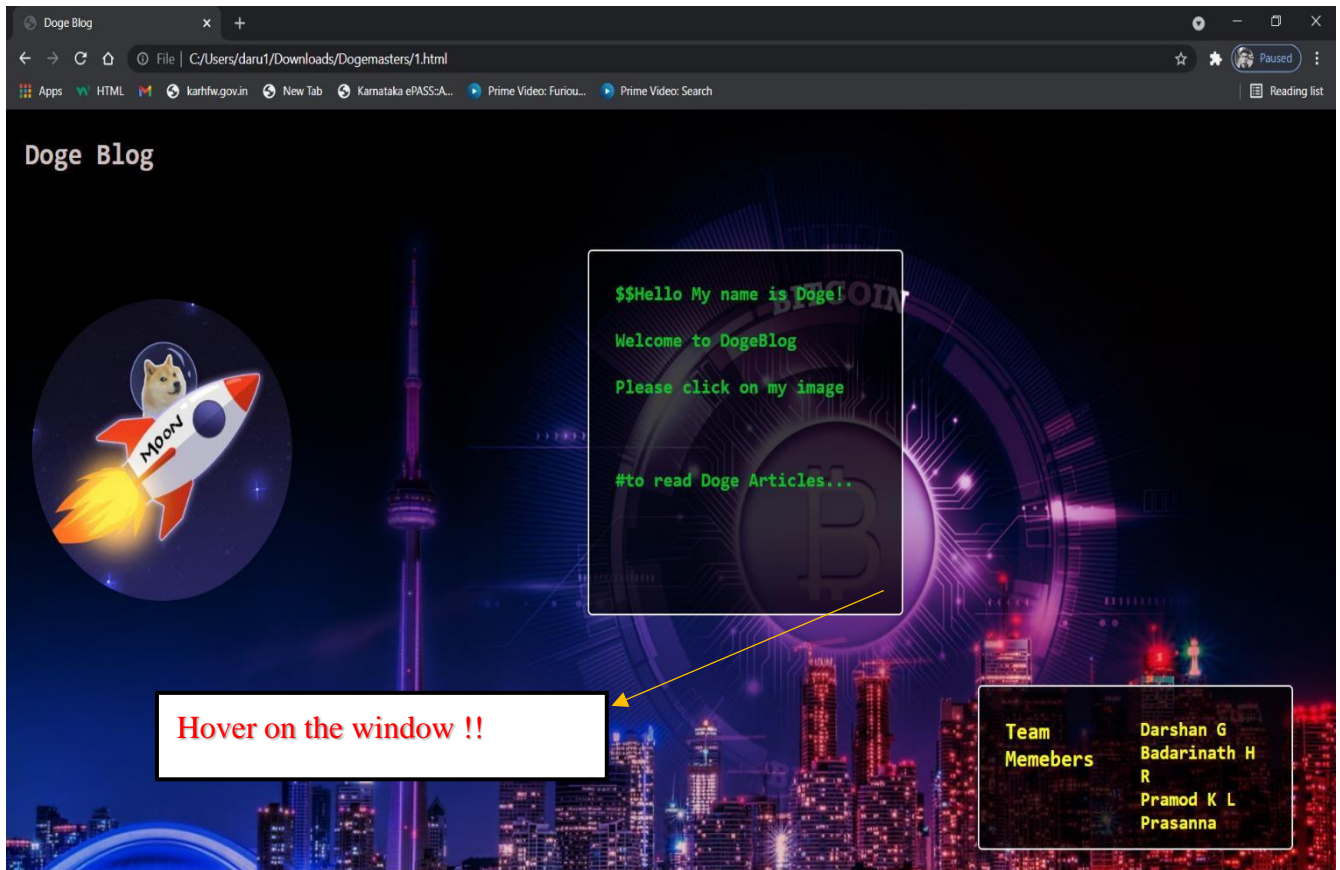
`./build/static/js/runtime-main.<someUniqueNumbers>.js`

4. Lastly, we can call our new static assets as JS files and point our React widget to mount a `<div></div>` on our website

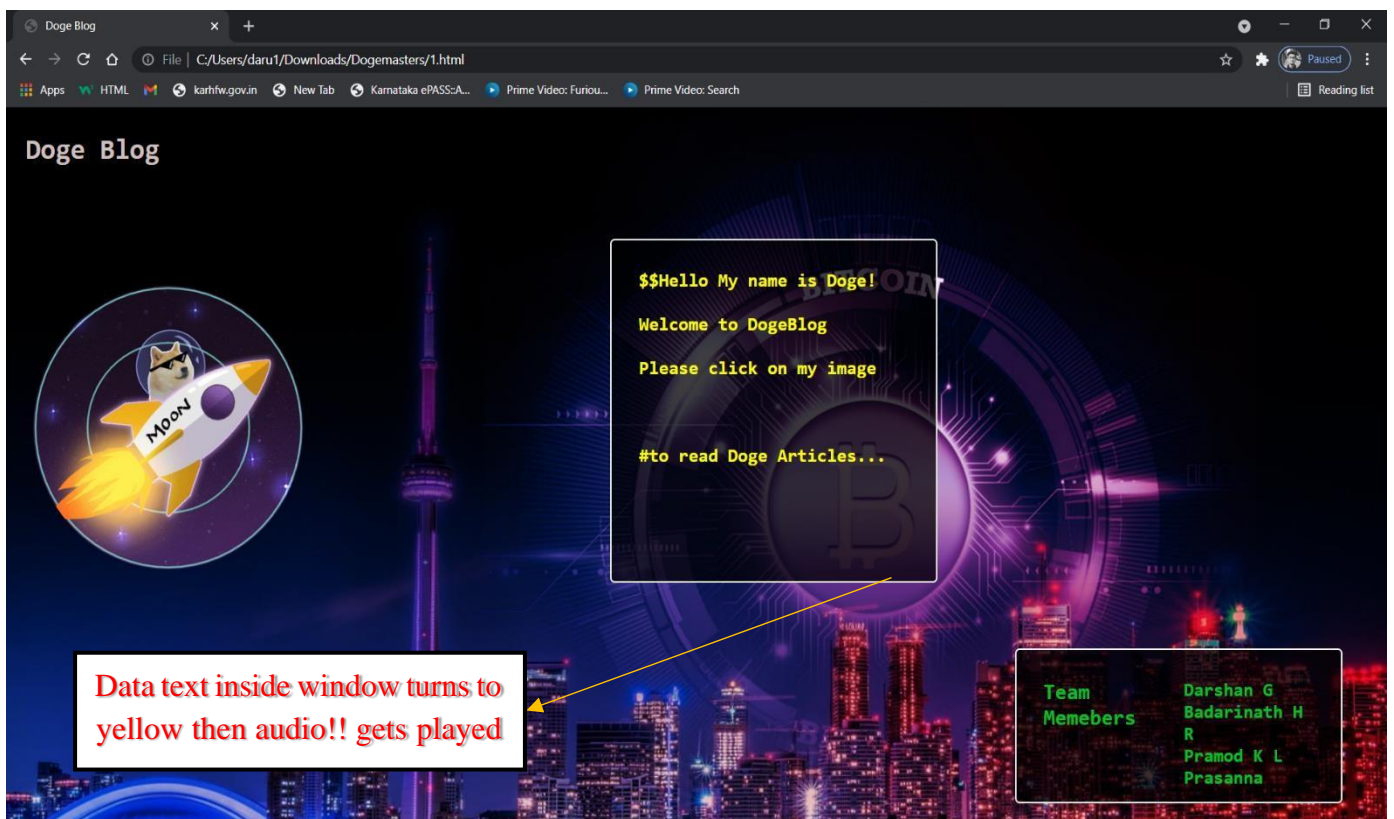
CHAPTER 2

RESULTS AND SNAPSHOTS

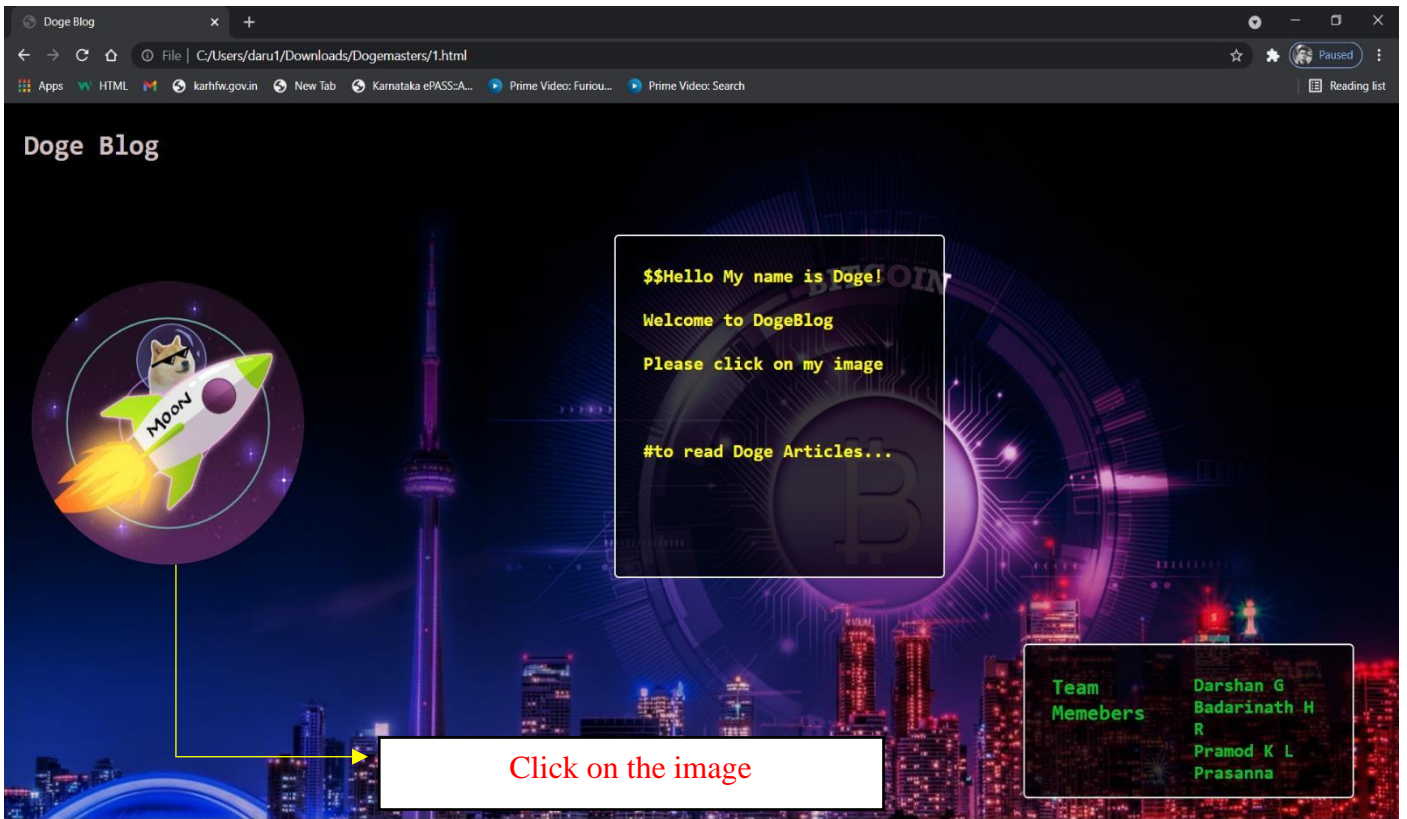
1. Snapshot of home page “welcome to doge blog”



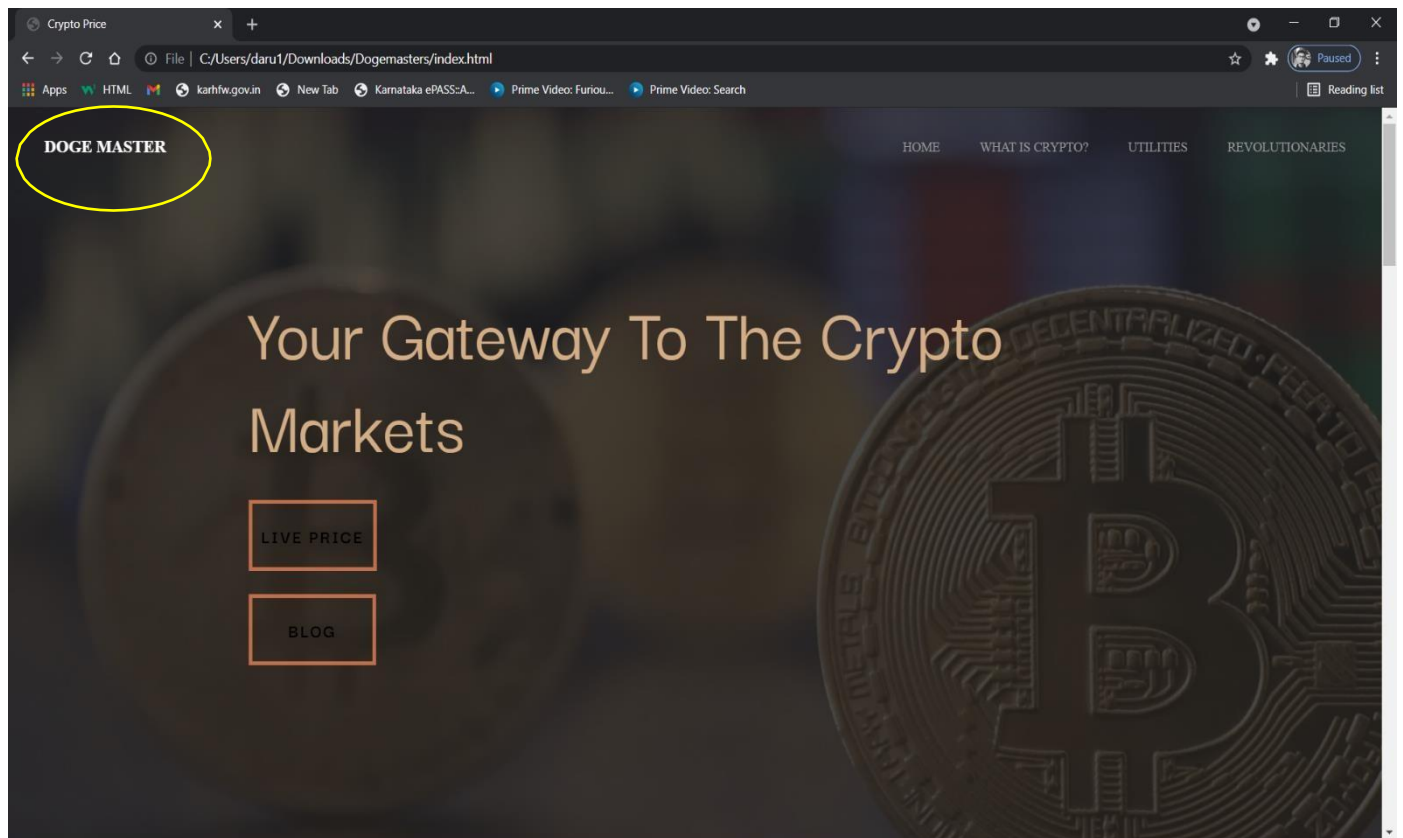
2. snapshot of home page



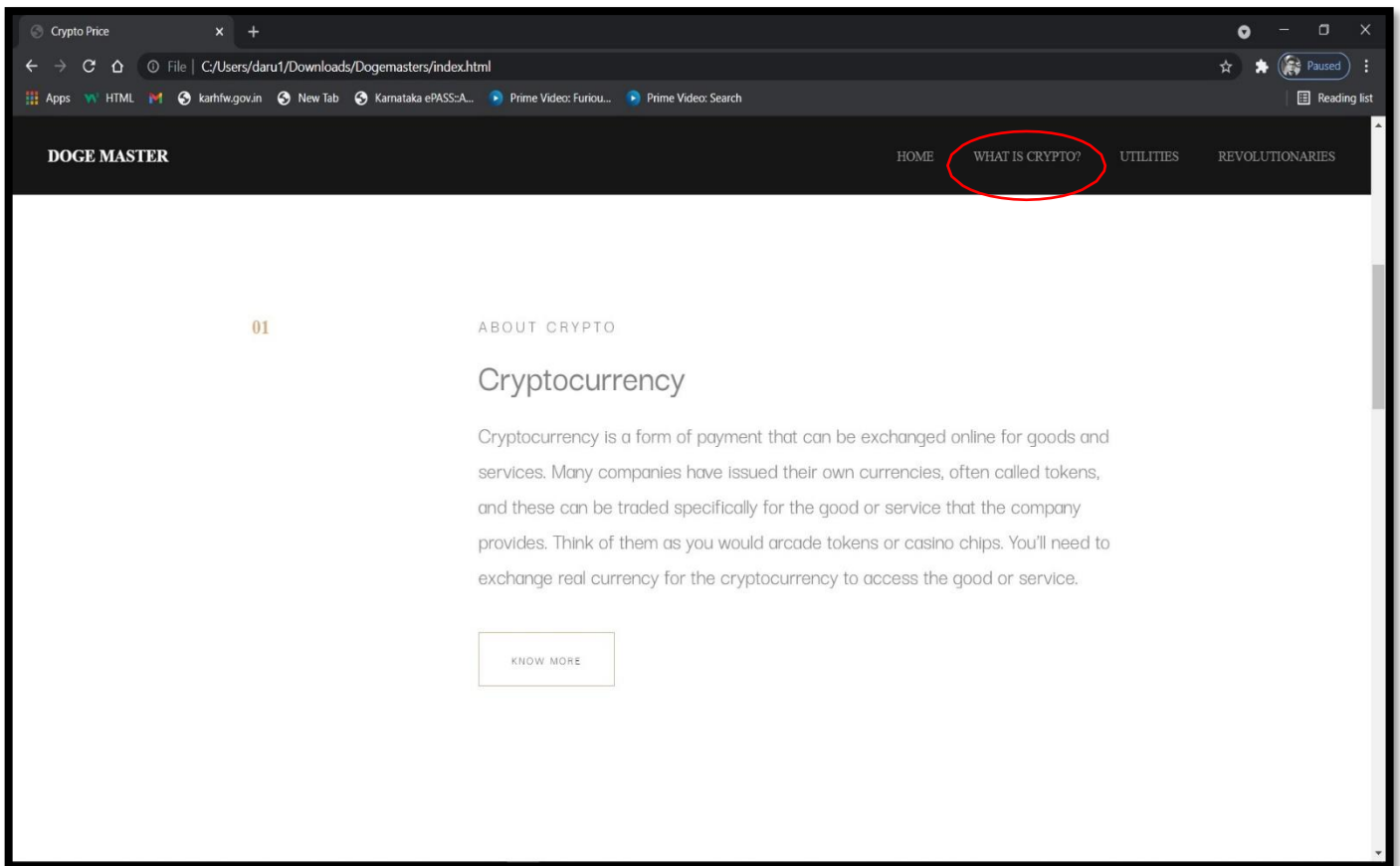
3. Snapshot to open main page .



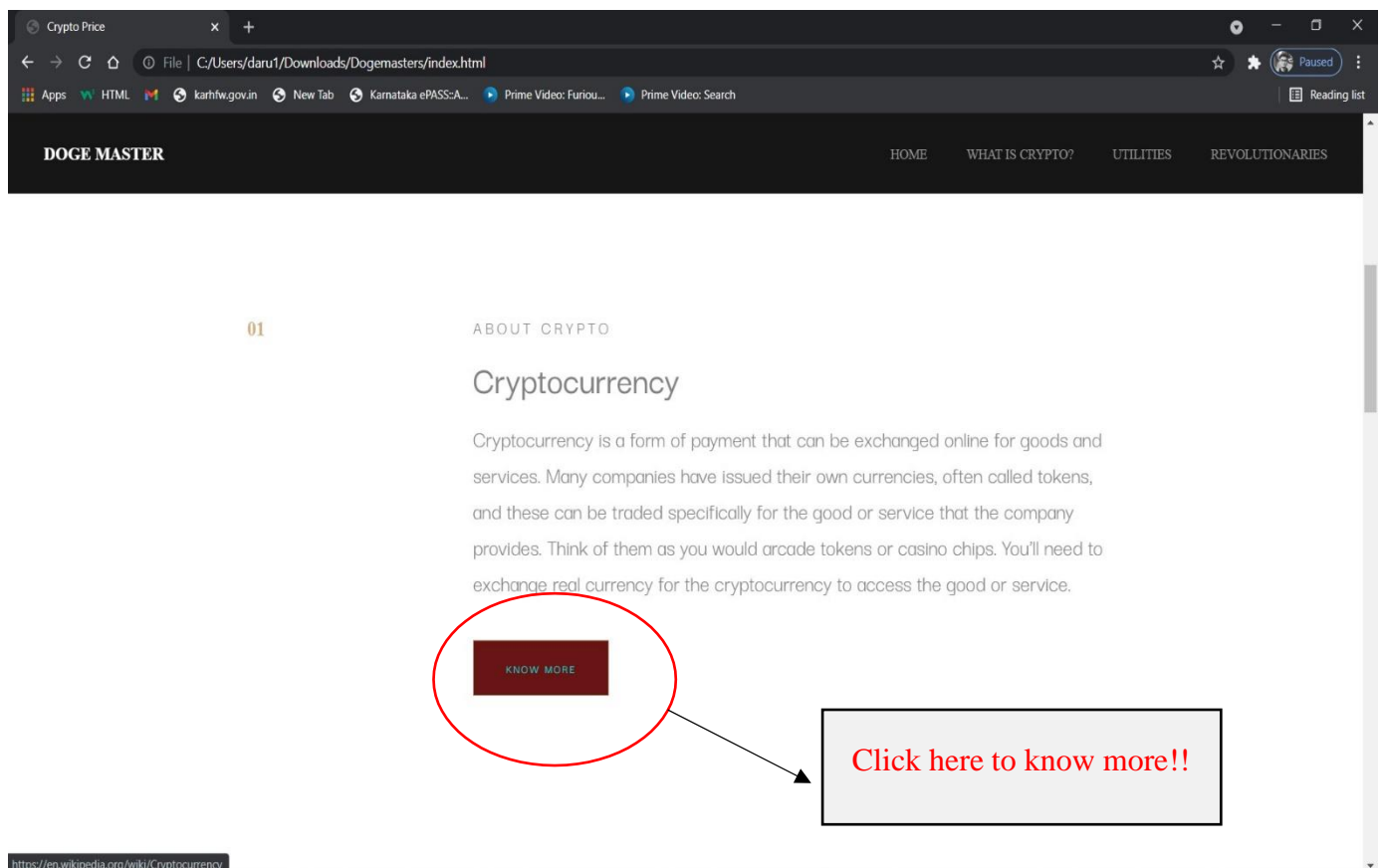
4. snapshot of main page “doge master”.



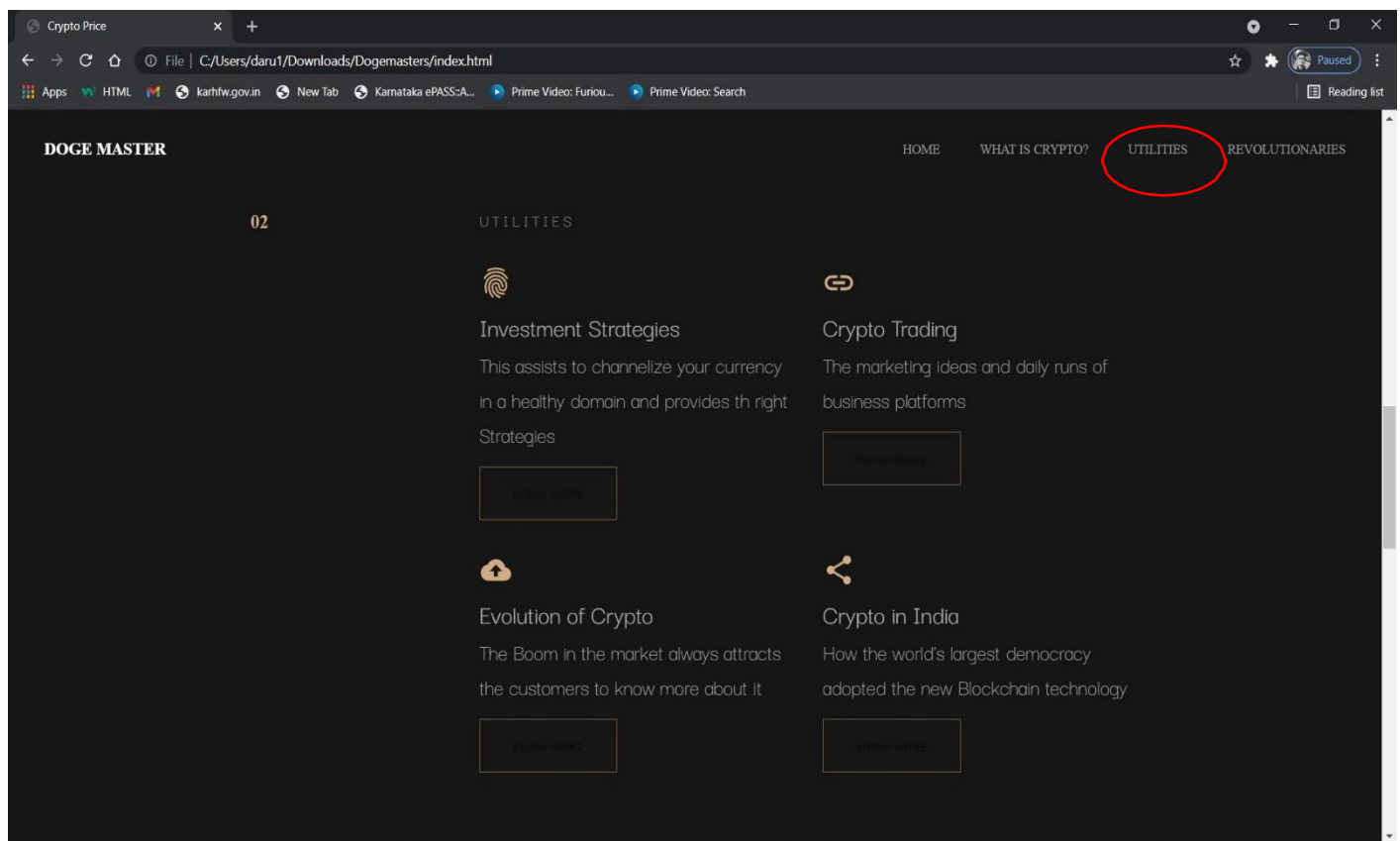
5. Sanpshot of what is crypto?



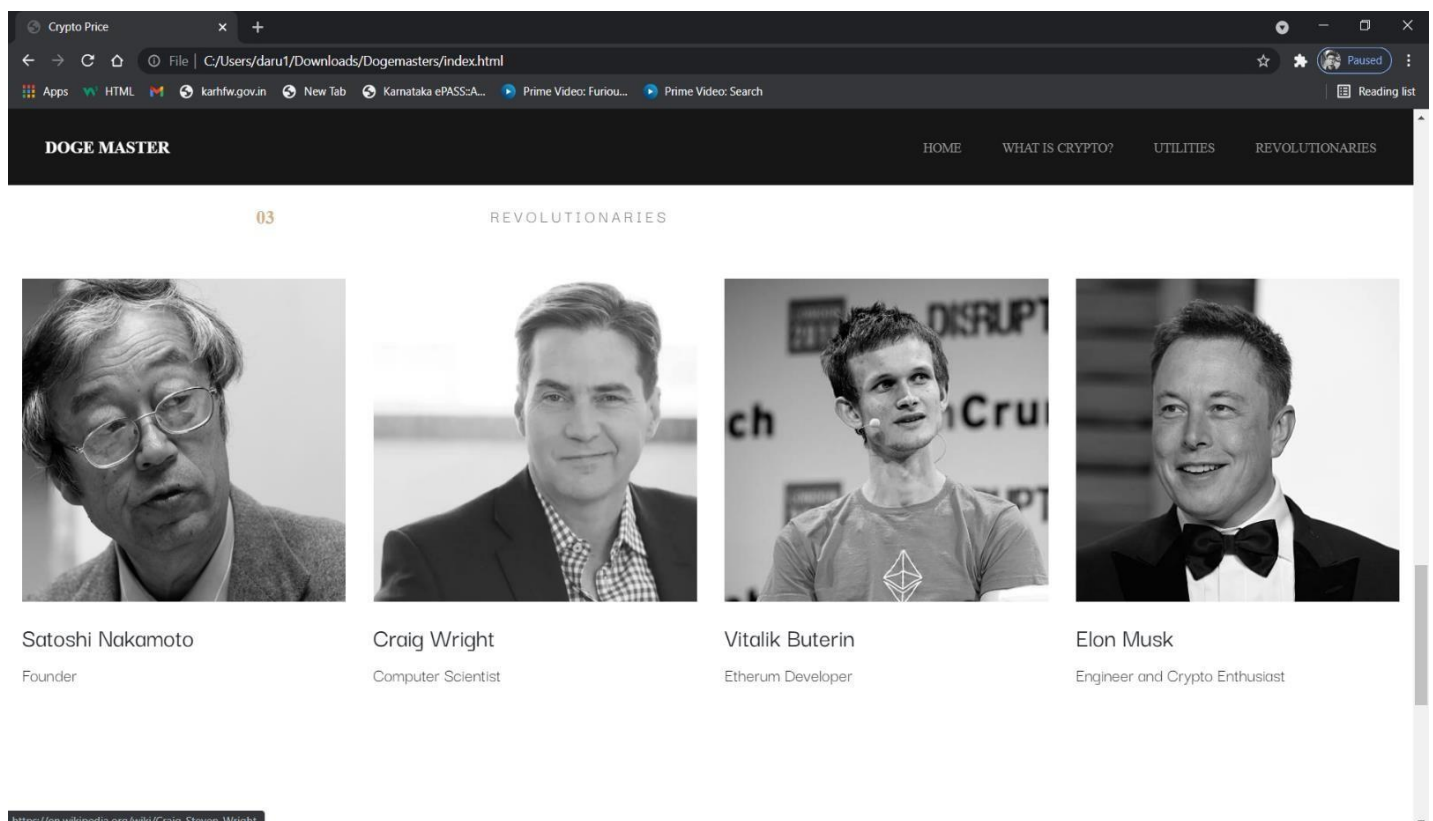
6. snapshot to **know more** on crypto.



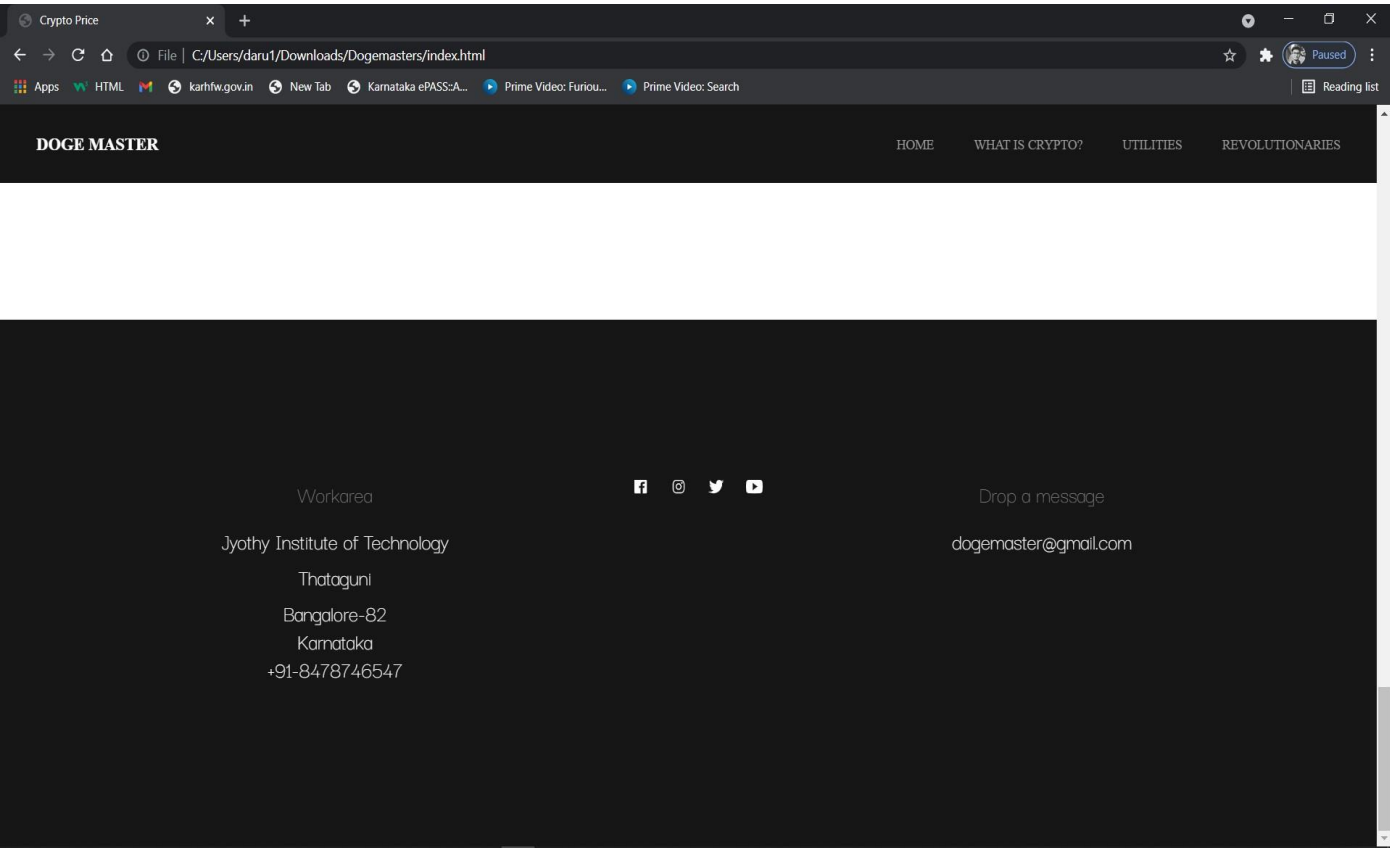
7. snapshot of **utilities** page.



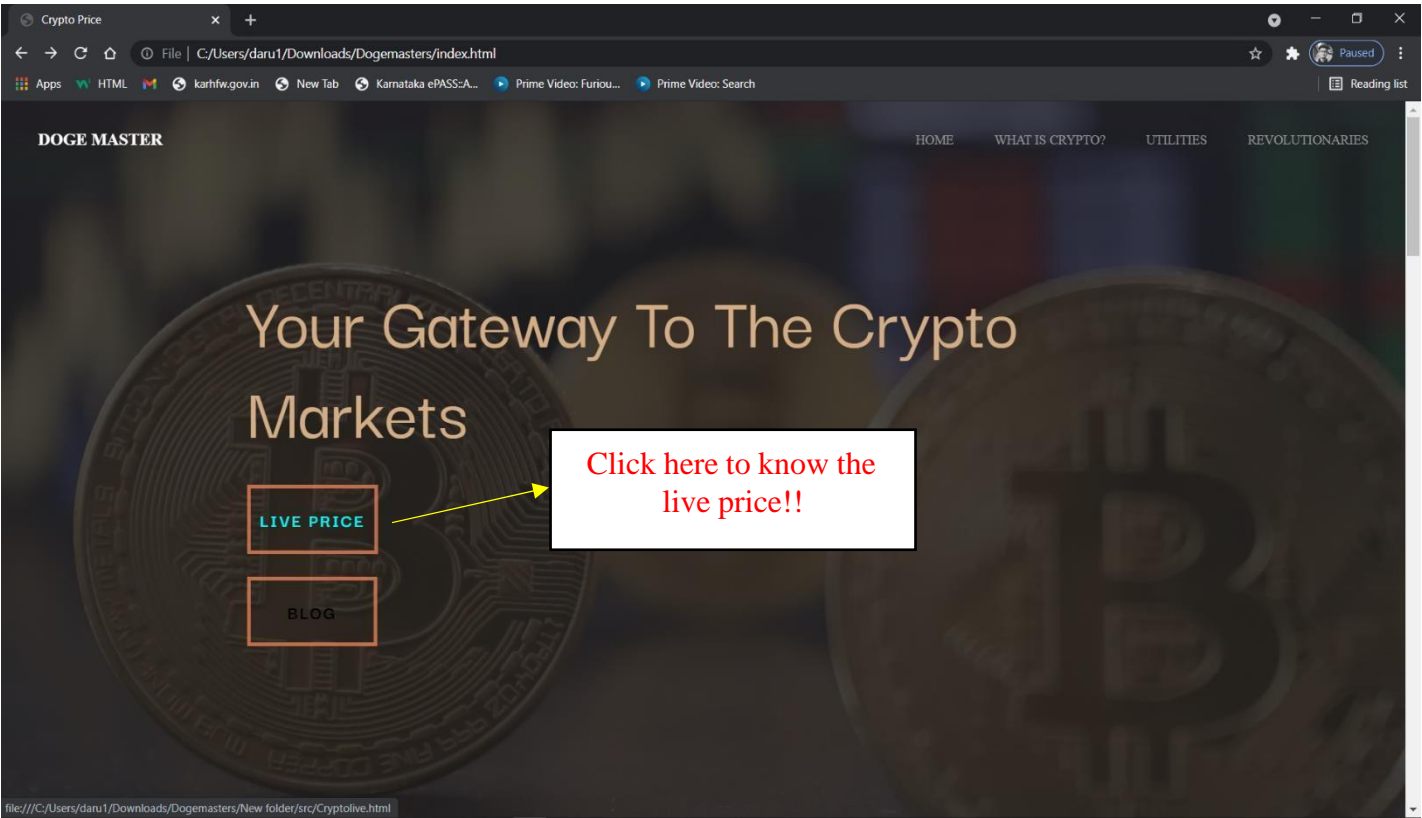
8. snapshot of **Revolutionaries** .



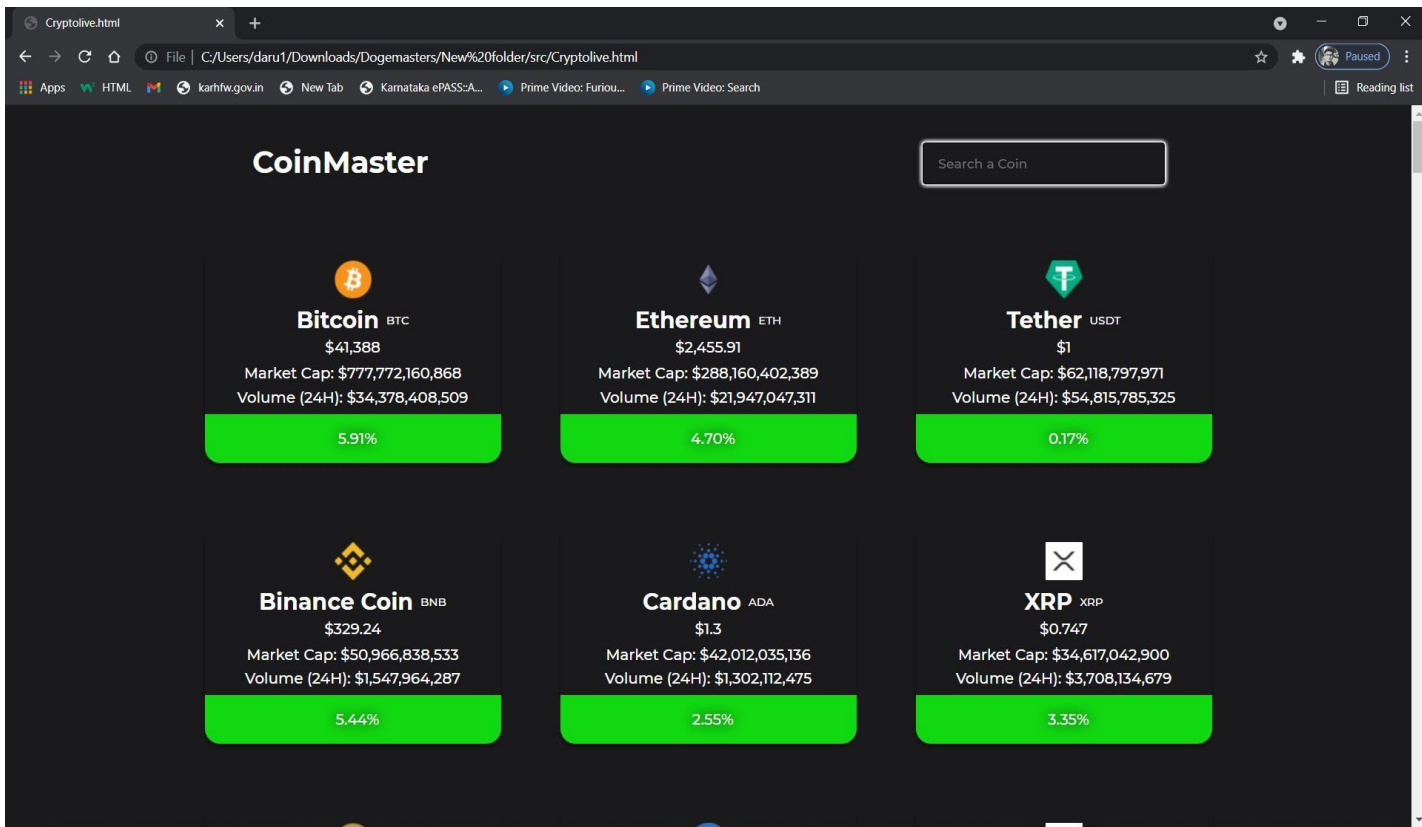
9. snapshot of footer page.



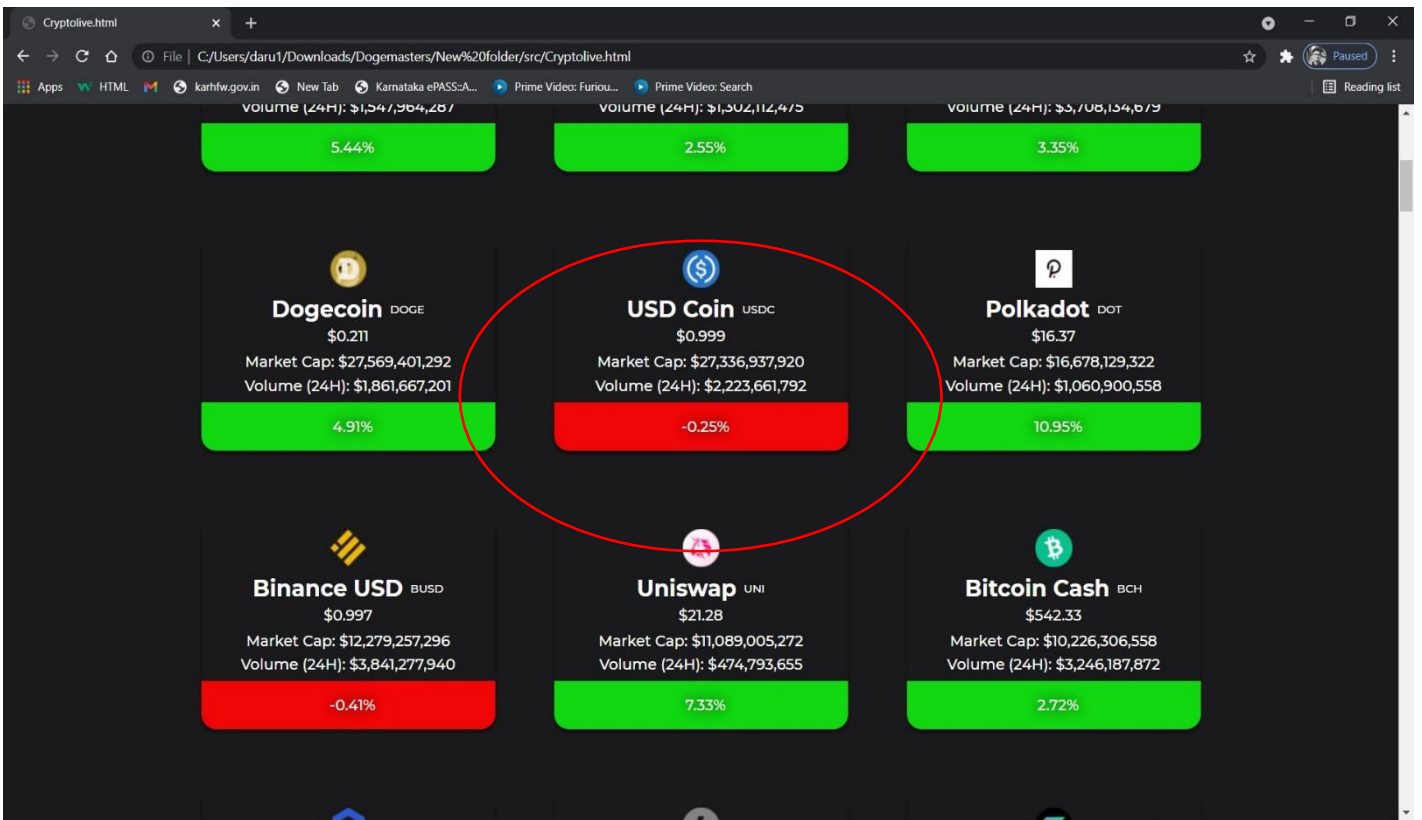
10. sanpshot of live price.



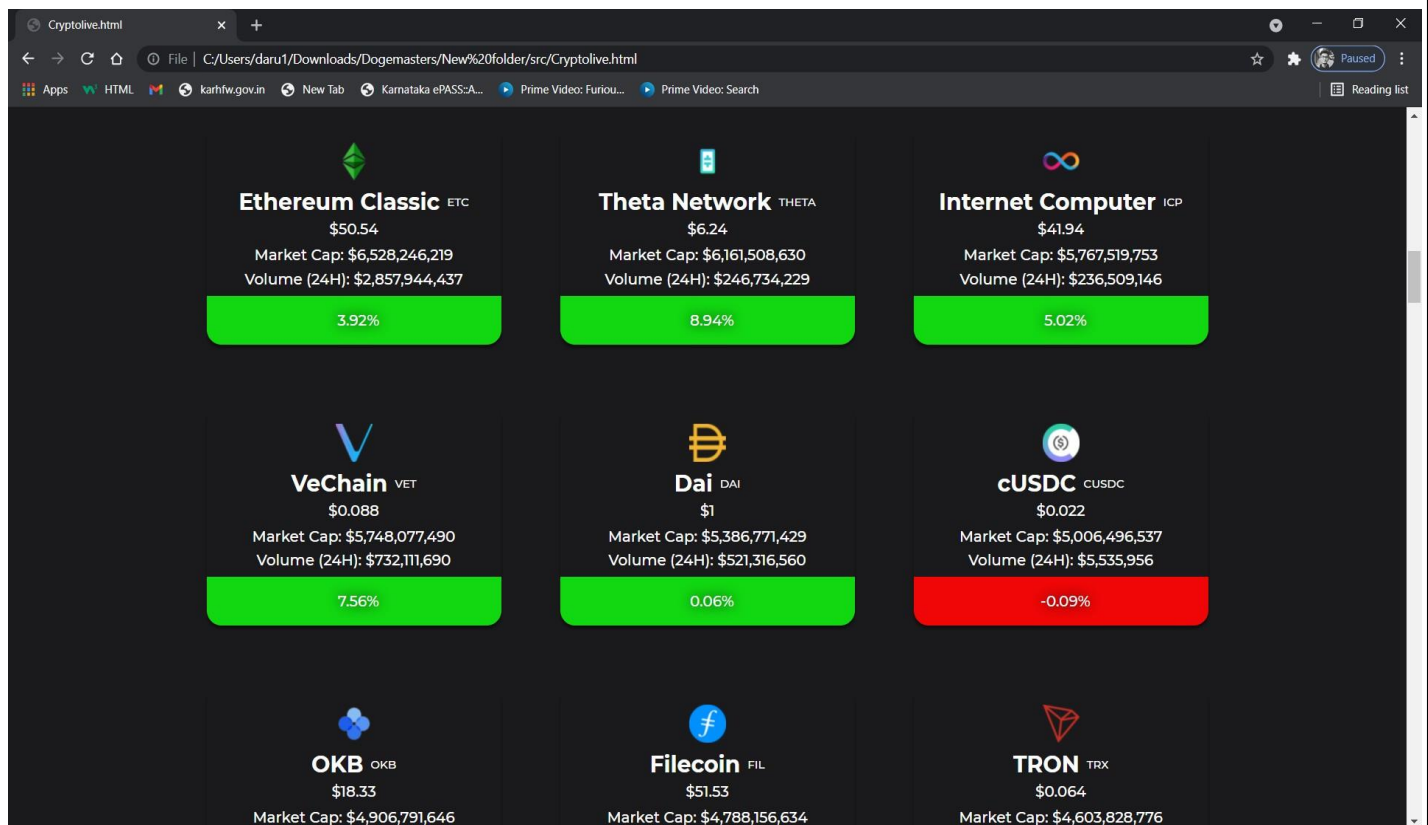
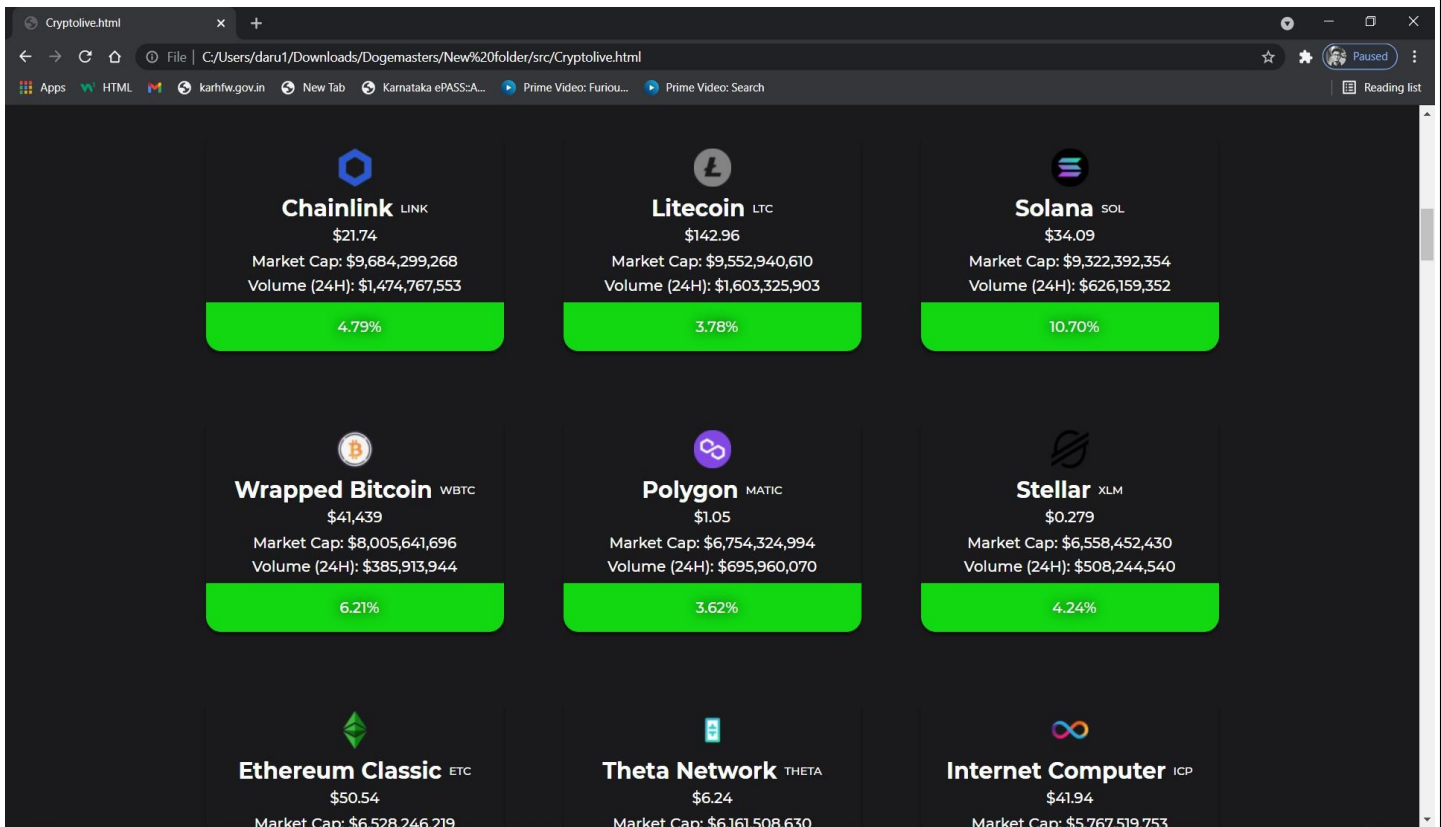
11. snapshot of coin master live price.



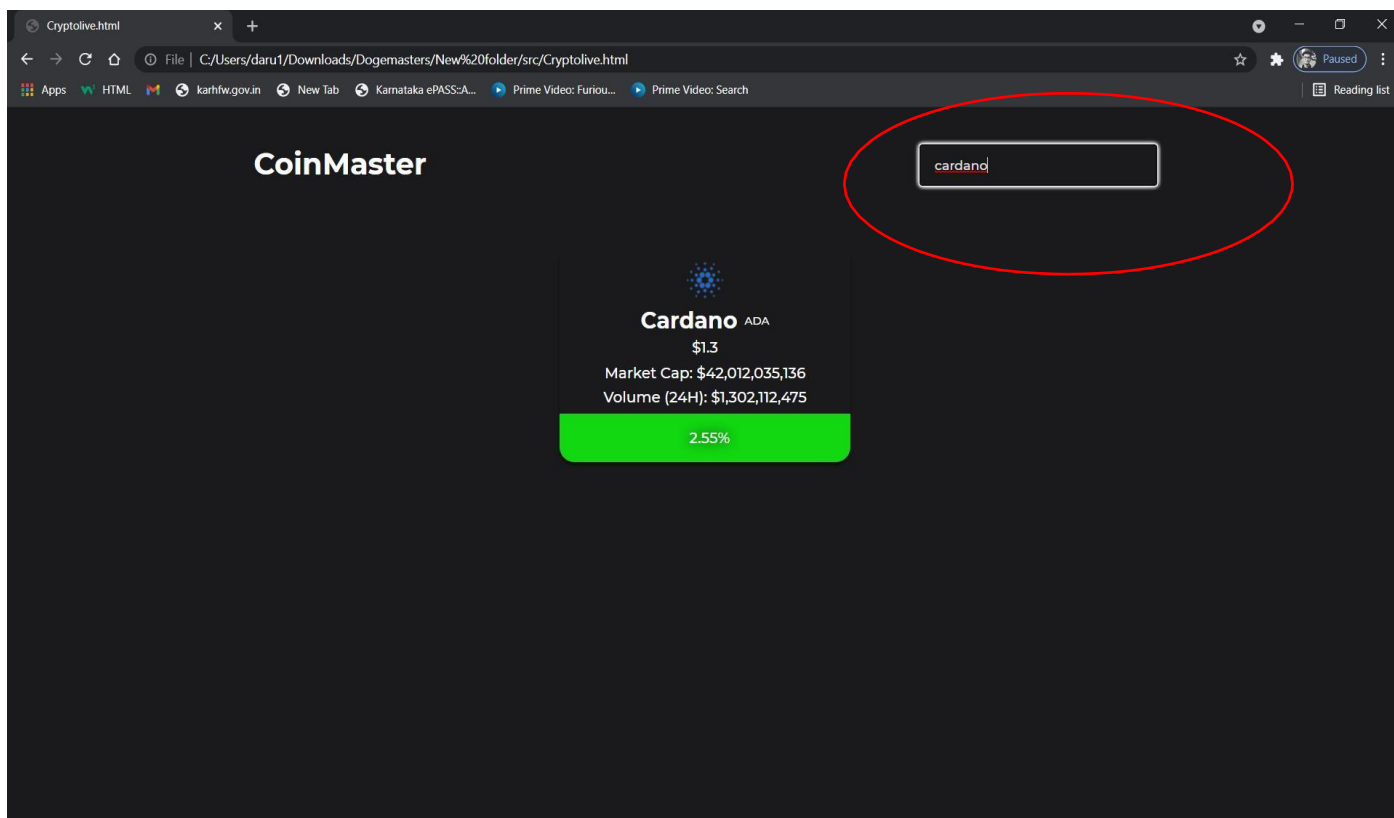
You can know the price drop and price gain .



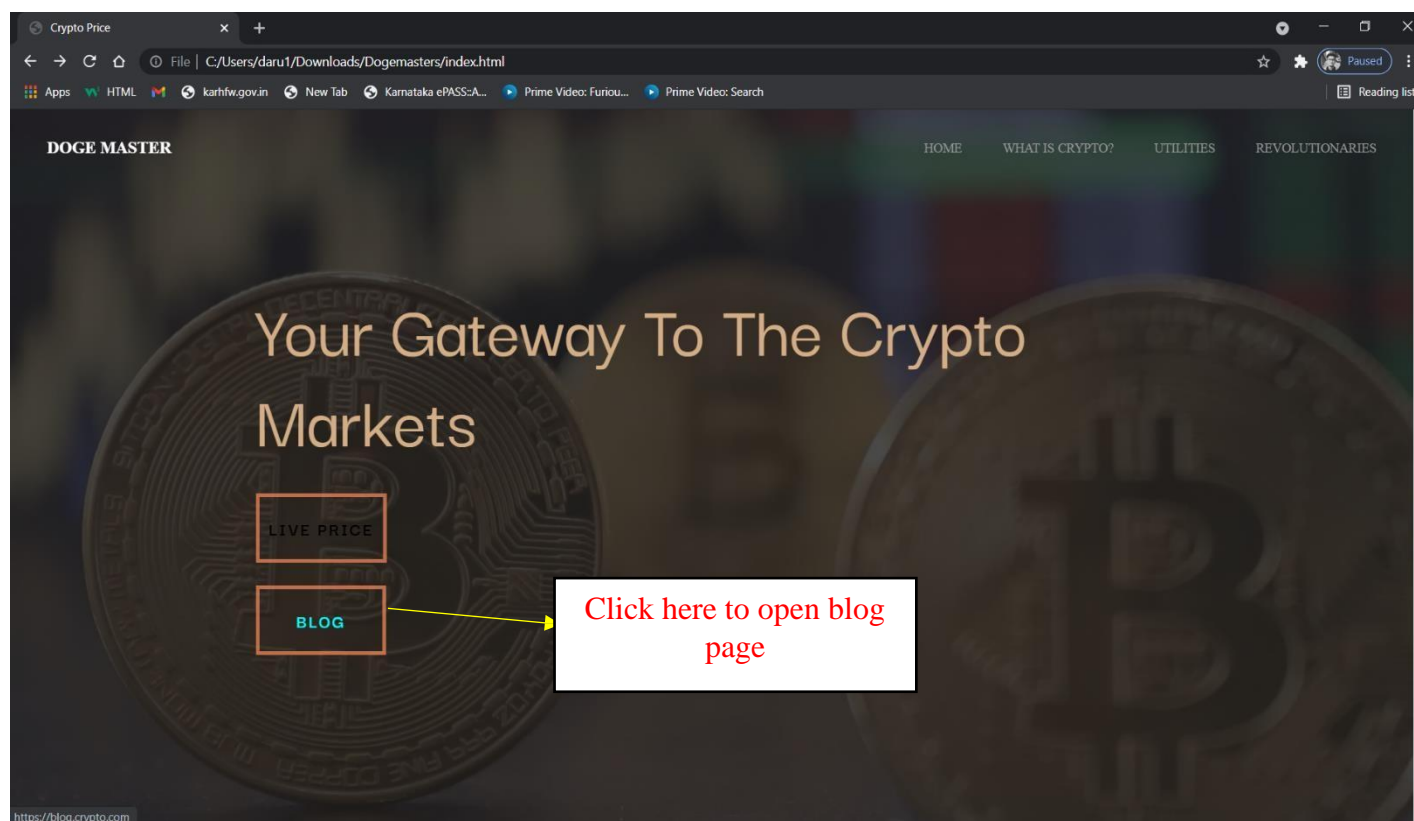
12. sanpshot of different coins and here you can find hundreds plus varity of coins.



13. snapshot shows about the coins can be searched !!.



13. sanpshot to open blog page.





CRYPTO

PRODUCTS

COMPANY

PARTNERSHIPS/EVENTS

COMMUNITY

Search for...



crypto.com

Official Blog

PRODUCTS

Exchange Lending Launches Collateral Adjustments

Improve loan health by adding or removing collaterals. Crypto.com Exchange Lending has launched the Collateral Adjustments feature, which enables users to improve their loan-to-value (LTV) ratio at any time by adding or

JULY 30, 2021

1 MIN READ

New Leveraged Pairs Added to Margin Trading on the Crypto.com Exchange

Access up to 3x leverage for supported trading pairs. We are pleased to announce that Margin Trading now supports 5 new leveraged pairs, namely: AXS/USDT, SLP/USDT, BOSON/USDT, LUNA/USDT and

JULY 30, 2021

2 MIN READ

CRYPTO

Join the First-Ever NFT Trading Race

USD \$15,000 Prize Pool. Attention NFT enthusiasts—we're giving away USD 15,000 for the first-ever NFT Trading Race on Crypto.com NFT! Simply buy or sell any collectible on the platform.

JULY 30, 2021

3 MIN READ

<https://blog.crypto.com/nft-trading-race/>

JULY 30, 2021

1 MIN READ

PRODUCTS

Crypto.com Exchange Margin Trading Race Leaderboard

(Updated 30 July 2021) Here are the top 10 traders by Transaction Volume for our Two-Part Margin Trading Race as of 30 July. All eligible traders who participate before 2 August can win

JULY 30, 2021

1 MIN READ

JULY 30, 2021

2 MIN READ

RESEARCH

Global Cryptocurrency Adoption Doubled Since January

Crypto.com today released its latest research report on the global market size of crypto users showing that the market more than doubled in the first half of 2021, to 221 million users.

JULY 29, 2021

3 MIN READ

JULY 30, 2021

3 MIN READ

PRODUCTS

The Derivatives Exchange Now Supports Advanced Order Types

The Derivatives Exchange has launched Stop-Loss and Take-Profit Limit and Market orders. Derivatives traders can now plan their positions ahead of time, as well as effectively lock in profits and manage risk during

JULY 29, 2021

2 MIN READ

COMMUNITY

Crypto.com Exchange Derivatives 'Negative Fees' Promotion Leaderboard

(Updated 29 July 2021) Here are the top 10 traders by Transaction Volume for our Derivatives 'Negative Fees' Promotion as of 29 July. The top 50 derivatives traders between now and 8 August

August

CRYPTO

Crypto.com App Lists Polymath (POLY)

Buy POLY at true cost with USD, EUR, GBP, and 20+ fiat currencies. Polymath (POLY) is listed in the Crypto.com App, and joins the growing list of 100+ supported cryptocurrencies and stablecoins.

COMMUNITY

Crypto.com Supports Theta Network's Major Upgrade and Hard Fork to Version 3.1.0

Temporary suspension of THETA and TFUEL transfers on 30 July 2021

crypto.com/.../crypto-com-supports-theta-networks-major-upgrade-and-hard-fork-to-vers...

CHAPTER 3 : CONCLUSIONS AND REFERENCES

CONCLUSION:

The cryptocurrencies are a hot topic in the global financial system. There is great volatility of cryptocurrencies exchange rates. With this, there is a high risk of trading these cryptocurrencies. Their growth has been able to gain the attention of many speculators. They are easily portable. It is only after the required trust in the cryptocurrencies after which they will be used on a wider scale. If the cryptocurrencies fail to gain that trust, then their boom might decline. They are still in their infancy, and it is not sure as to when they will be maturely traded in the markets globally. Many different cryptocurrencies have gained the required attention. Some nations have started to issue national cryptocurrencies (Hofman, 2014). It is quite possible that shortly, the bitcoins might have a way for cryptocurrencies to flourish. Despite the flaws, bitcoins are still considered *tour-de-force* in the digital currency. It has provided an alternative currency for the less developed countries and has opened the doors of economic transformation. In this way, it gives the individuals more choices to manage their finances. Without regard to bitcoins accomplishing the lofty transformations, the cryptocurrencies are seen to be entering the financial stage and changing the global financial landscape forever.

REFERENCES:

- <https://en.wikipedia.org/wiki/Cryptocurrency>
- <https://groww.in/blog/4-strategies-you-can-use-for-investing-in-crypto/>
- <https://www.forex.com/en/markets/cryptocurrency-trading/>
- <https://royalsocietypublishing.org/doi/10.1098/rsos.170623>
- <https://www.financialexpress.com/money/cryptocurrency-could-india-become-a-tech-powerhouse-for-innovation-if-it-lands-a-pro-crypto-policy/2237377/>
- https://en.wikipedia.org/wiki/Satoshi_Nakamoto
https://en.wikipedia.org/wiki/Elon_Musk
- <https://betterprogramming.pub/how-to-embed-a-react-application-on-any-website-1bee1d15617f>
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