

The World Wide Web

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What is the World Wide Web?

The content of the worldwide world web is held on individual web pages, which are gathered together to form websites of associated information. (The worldwide web consists of millions of web pages linked together, plus the content that appears on those pages).

How are web pages connected?

Web pages are connected using hyperlinks. A hyperlink is a link that, when clicked on, takes the website reader to another web page on the website or to a different website.

How and where are websites stored?

Websites are held on a computer called a web server, which is connected to the internet and delivers web pages to users computers. When an internet user wants (download) those pages to the user's computer.

What is HTML?

HTML is a computer language used to create web pages.

HTML tags

Example of HTML code	Description
<code><html></code>	An opening tag for the program
<code><body></code>	An opening tag for the section
<code><h1>This is a heading</h1></code>	Heading tag, content, end tag- element
<code><p>This is a paragraph</p></code>	Paragraph tag, content, end tag –element
<code></body></code>	End tag for the section
<code></html></code>	End tag for the program

Write out some of your own HTML code with the correct use of HTML tags

```
<html>
```

```
<body>
```

```
<title> school timetable</title>
```

```
<h1>lessons</h1>
```

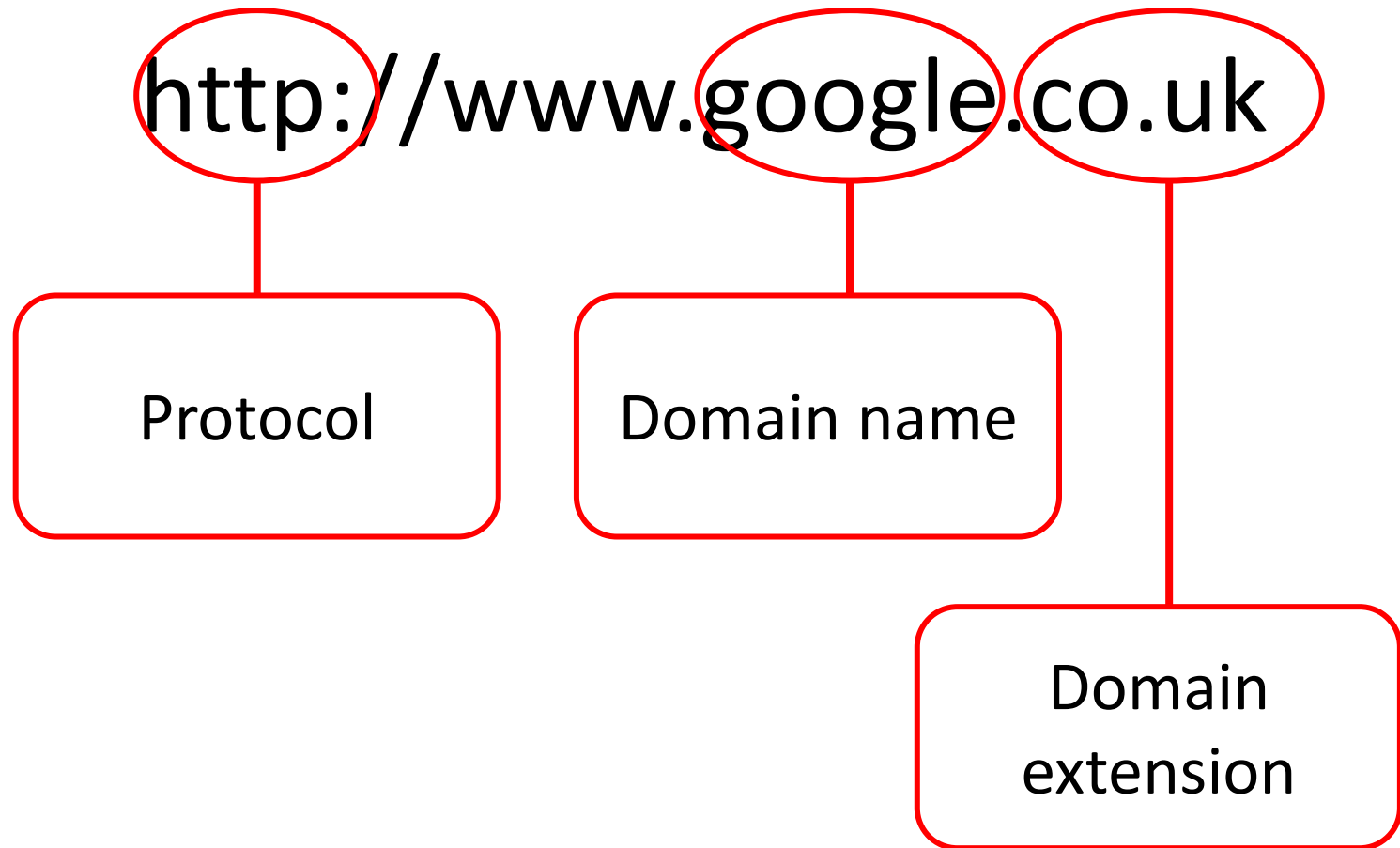
```
</body>
```

```
</html>
```

What is a URL?

A unique string of characters that makes up a web pages address.

Identify the three components of a URL



Domain extensions

.co.uk	UK
.com	worldwide
.fr	France
.org	organisations
.edu	education
.ac	Academic
.gov	government

What is a search engine?

Provide some examples

A search and find system into which you type what you are looking for and a series of best match results will then be displayed. Some examples are Google and Yahoo allow you to enter a description of what you are looking for and the search engine will search its indexes (databases of web pages) and find matching. if you don't know the name of a particular web page or want to find web pages on a particular topic, you can use a search engine to find it

How do search engines work?

Search engines work by retrieving information from the HTML of web pages and storing this on an indexed database.

How does a search engine display the results?

When you enter a word or short phrase as a query, the search engine looks at its index and displays a list of the 'best matches', together with a short extract from each web page.