**💬 Interview Questions & Answers**

**1.What is a GET request?**

A **GET request** is an HTTP method used to fetch data from a server (like a webpage).  
**Example:** When you open a website, your browser sends a GET request to retrieve that page’s content.

**2.How do you install external packages in Python?**

You use the **pip** command in the terminal.  
**Example:**

pip install requests

**3.What is a User-Agent in HTTP?**

A **User-Agent** is a small text string sent by your browser (or script) that identifies who is requesting the page — for example, Chrome, Firefox, or Python.

**4.What is soup.find\_all() used for?**

find\_all() is a BeautifulSoup method used to find all HTML elements that match a tag or condition.  
**Example:**

soup.find\_all('h2') # finds all <h2> tags

**5. What are the risks of web scraping?**

* Violating a website’s terms of service
* Sending too many requests (can overload the server)
* Legal issues if the data is copyrighted or private
* Website structure changes can break your scraper

**6.What’s the difference between id and class in HTML?**

| **Attribute** | **Purpose** | **Usage** |
| --- | --- | --- |
| **id** | Unique identifier for one element | Used only once per page |
| **class** | Used for grouping multiple elements | Can be reused multiple times |

**Example:**

<p id="intro">Welcome</p>

<p class="news">Breaking News</p>

**7.What is an HTML tag?**

An **HTML tag** tells the browser how to display content.  
**Example:**

<h1>Headline</h1>

Here, <h1> is the tag and “Headline” is the content.

**8.What does .text return in BeautifulSoup?**

.text returns the **visible text content** inside an HTML element — removing all HTML tags.  
**Example:**

headline.text # gives only the text, not <h2> tags

**9.What is a try-except block?**

A **try-except** block is used to handle errors in Python.  
**Example:**

try:

print(10/0)

except:

print("Error occurred")

It prevents the program from crashing when errors occur.

**10.What are HTTP status codes?**

| **Code** | **Meaning** |
| --- | --- |
| 200 | OK (Success) |
| 404 | Page Not Found |
| 500 | Server Error |
| 403 | Forbidden |
| 301 | Redirected |