

## Java

```
/**
 * // This is the HtmlParser's API interface.
 * // You should not implement it, or speculate about its implementation
 * interface HtmlParser {
 *     public List<String> getUrls(String url) {}
 * }
 */

class Solution {
    public List<String> crawl(String startUrl, HtmlParser htmlParser) {

    }
}
```

---

## JavaScript

```
/**
 * // This is the HtmlParser's API interface.
 * // You should not implement it, or speculate about its implementation
 * function HtmlParser() {
 *
 *     @param {string} url
 *     @return {string[]}
 *     this.getUrls = function(url) {
 *         ...
 *     };
 * };
 */
```

```
/**
 * @param {string} startUrl
 * @param {HtmlParser} htmlParser
 * @return {string[]}
 */
var crawl = function(startUrl, htmlParser) {

};
```

---

## TypeScript

```
/**
 * // This is the HtmlParser's API interface.
 * // You should not implement it, or speculate about its implementation
 * class HtmlParser {
 *     getUrls(url: string): string[] {}
 * }
 */

function crawl(startUrl: string, htmlParser: HtmlParser): string[] {

};
```

---

## C++

```
/**
 * // This is the HtmlParser's API interface.
 * // You should not implement it, or speculate about its implementation
 * class HtmlParser {
```

```
* public:
*     vector<string> getUrls(string url);
* };
*/
```

```
class Solution {
public:
    vector<string> crawl(string startUrl, HtmlParser htmlParser) {

    }
};
```

---

## C#

```
/**
 * // This is the HtmlParser's API interface.
 * // You should not implement it, or speculate about its implementation
 * class HtmlParser {
 *     public List<String> GetUrls(String url) {}
 * }
 */
```

```
class Solution {
    public IList<string> Crawl(string startUrl, HtmlParser htmlParser) {

    }
}
```

---

## Kotlin

```

/**
 * // This is the HtmlParser's API interface.
 * // You should not implement it, or speculate about its implementation
 * class HtmlParser {
 *     fun getUrls(url:String):List<String> {}
 * }
 */

```

```

class Solution {
    fun crawl(startUrl:String, htmlParser:HtmlParser):List<String> {

    }
}
-----

```

**Go**

```

/**
 * // This is HtmlParser's API interface.
 * // You should not implement it, or speculate about its implementation
 * type HtmlParser struct {
 *     func GetUrls(url string) []string {}
 * }
 */

```

```

func crawl(startUrl string, htmlParser HtmlParser) []string {

}
-----

```