

```
/* All following exams please using Javascript only 20220922 */
```

1.

```
/**
```

There is an array, each item has such format:

```
{firstName: 'xxx', lastName: 'xxx', customerID: 'xxx', note: 'xxx', profession: 'xxx'}
```

lastName, **note** can be empty, **customerID** can only be a set of digital numbers.

profession can only have 'student', 'freelancer', 'productOwner', 'engineer' or 'systemAnalytics'.

```
**/
```

```
/**
```

Q1. Please follow the principle ('firstName' + 'lastName' + 'customerID') to sort this array and print it out.

```
**/
```

```
function sortUserName(user) {
```

```
}
```

```
/**
```

Q2. Please sort by 'profession' to follow the principle.

```
('systemAnalytics' > 'engineer' > 'productOwner' > 'freelancer' > 'student')
```

```
**/
```

```
function sortByType(user) {
```

```
}
```

2.

```
/** HTML
<div class="container">
  <div class="header">5/8 外出確認表</div>
    <div class="content">
      <ol class="shop-list">
        <li class="item">麵包</li>
        <li class="item">短袖衣服</li>
        <li class="item">飲用水</li>
        <li class="item">帳篷</li>
      </ol>
      <ul class="shop-list">
        <li class="item">暈車藥</li>
        <li class="item">感冒藥</li>
        <li class="item">丹木斯</li>
        <li class="item">咳嗽糖漿</li>
      </ul>
    </div>
  <div class="footer">以上僅共參考</div>
</div>
**/

/** CSS
.container {
  font-size: 14px;
}
.container .header {
  font-size: 18px;
}
.container .shop-list {
  list-style: none;
  margin-left: -15px;
}
.container .shop-list li.item {
  color: green;
}
.container .shop-list .item {
  Q1. /* Explain why does this color not works, and how to fix make it work on 1st list */
  color: blue;
}

Q2. /* Write styling make every other line give background color to next one */

**/
```

3.

```
/**
let items = [1, 1, 1, 5, 2, 3, 4, 3, 3, 3, 3, 3, 3, 7, 8, 5, 4, 9, 0, 1, 3, 2, 6, 7, 5,
4, 4, 7, 8, 8, 0, 1, 2, 3, 1];
Please write down a function to console log unique value from this array.

**/

function getUniqueNumber (items) {

}

```

4.

```
/** What is different between <section> and <article>, can you make an example how you
will be using it? **/
```

5.

```
/** Please explain about what is CSS boxing model and the layout components that it
consists of.

**/
```

6.

```
/** Can you explain CSS priority, and what principle are your used to writing CSS
stylesheet. */
```

7.

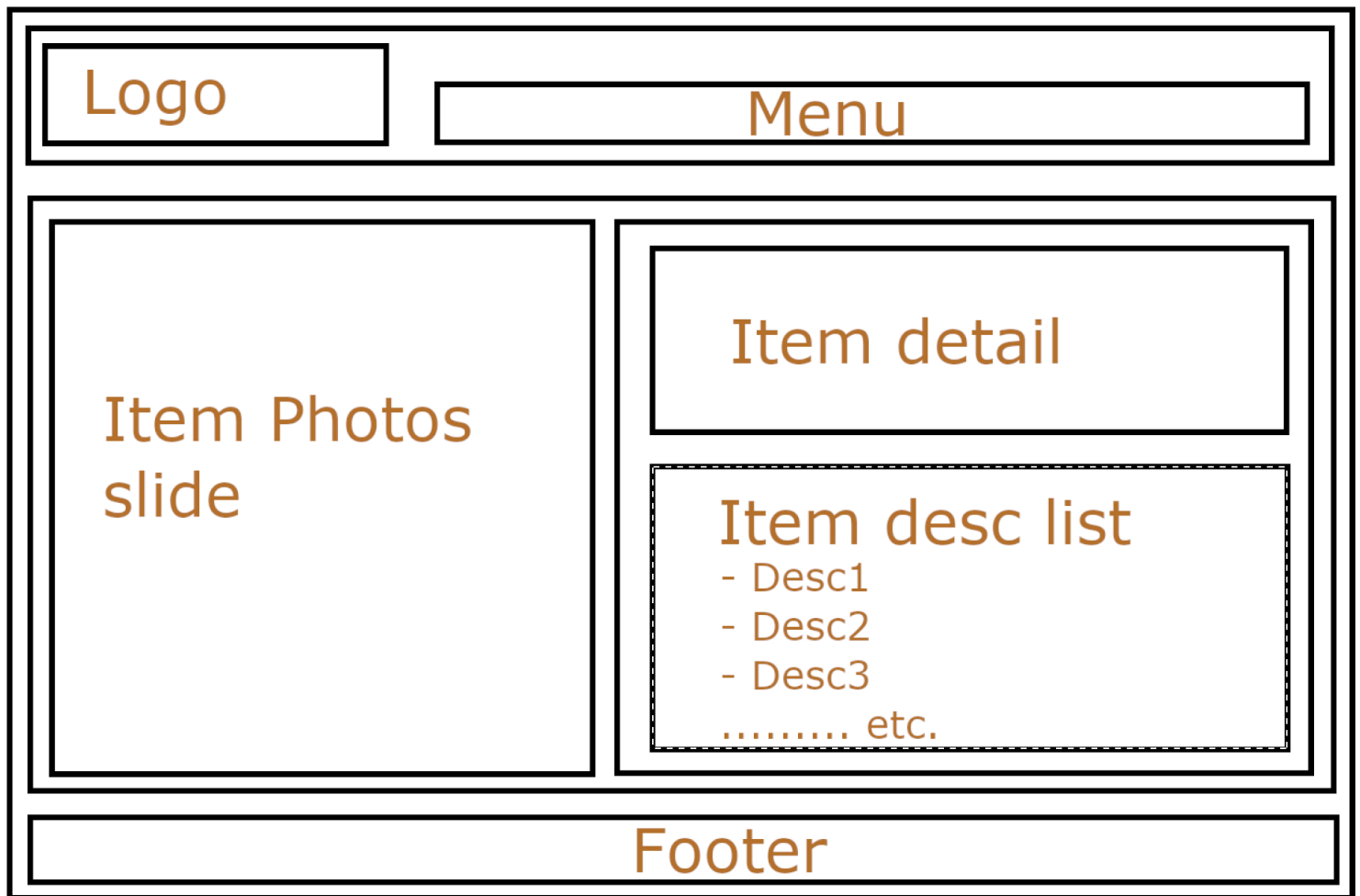
```
/** Can you introducing some of Semantic HTML elements that you already know and how you
used it ever, please make some example. */
```

8.

/** Can you explain about **Interface and Enum in Typescript**, and where will you be using, please make some examples. ****/**

9.

/** The photo below is a page structural layer, please according to SEO friendly rules write down HTML base structure. **Note. Mobile friendly first.** **/



<body>
<!-- HTML structure start -->

</body>