Exercise 2 – Responsive web design

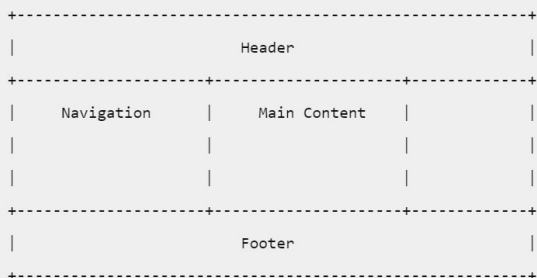Task

1. Individually: Answer the questions below.
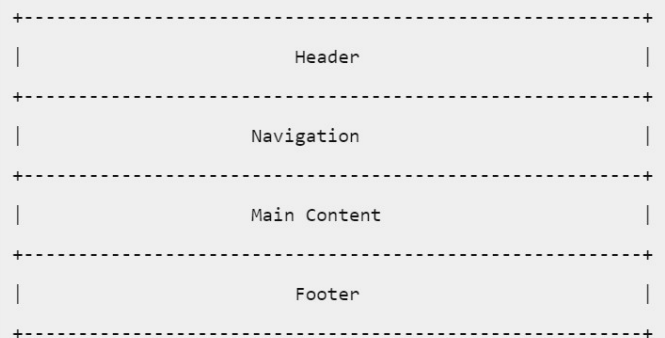
2. Discuss your answers with your wingwoman/-man.

Questions

1. What is responsive web design, and why is it important in today's web development?

2. What are media queries, and how are they used in responsive web design? Explain this technique using the diagrams below.

3. What is the mobile-first design approach, and how does it differ from traditional web design?

4. What are some best practices for designing a responsive navigation menu?

Mobile Layout

```
+-----------------------------------------------------------+
|                         Header                            |
+-----------------------------------------------------------+
|                       Navigation                          |
+-----------------------------------------------------------+
|                      Main Content                         |
+-----------------------------------------------------------+
|                         Footer                            |
+-----------------------------------------------------------+
```

Tablet Layout

```
+-----------------------------------------------------+
|                      Header                         |
+--------------------+------------------+-------------+
|    Navigation      |   Main Content   |             |
|                    |                  |             |
|                    |                  |             |
+--------------------+------------------+-------------+
|                      Footer                         |
+-----------------------------------------------------+
```

Desktop Layout

```
+-----------------------------------------------------------+
|                         Header                            |
+-------------------+--------------------+------------------+
|   Navigation      |    Main Content    |     Sidebar      |
|                   |                    |                  |
|                   |                    |                  |
|                   |                    |                  |
+-------------------+--------------------+------------------+
|                         Footer                            |
+-----------------------------------------------------------+
```