1. What are media queries in CSS? Why are they important?

Media queries in CSS allow styles to be applied based on the device's screen size, resolution, or other properties. They help in creating responsive designs that adjust to different screen sizes (e.g., mobile, tablet, desktop).

Q2: Write a basic media query for screens smaller than 600px.

```
@media (max-width: 600px) {
  body { font-size: 14px; }
}
```