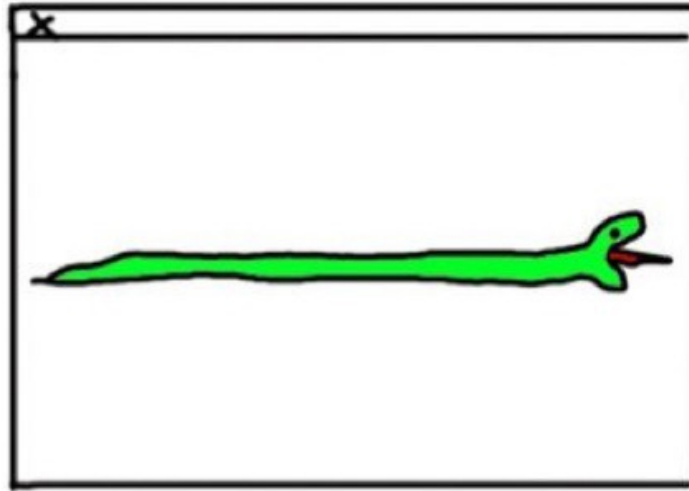


OIM3690 - Web Technologies



Responsive Web Design

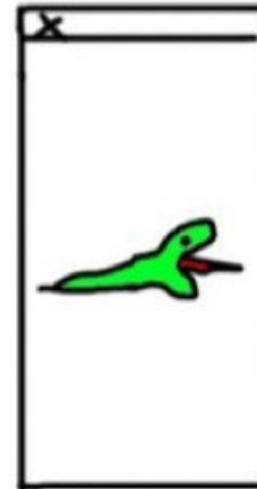


if a snake was responsive would it be

like this

or

like this?



Responsive Web Design

- **Responsive Design**
 - A method of designing websites to adapt to different devices,
 - Allowing users to have an optimal viewing experience regardless of device.
- Responsive Web Design **Approaches**:
 - i. **Media Queries**: [MDN](#), [W3Schools](#)
 - ii. **Flexbox**: [MDN](#), [W3Schools](#), [Flexbox Froggy game](#), [Flexbox Defense](#)
 - iii. **Grid Layout**: [MDN](#), [W3Schools](#), [Grid Garden game](#)
 - iv. **Frameworks** such as **Bootstrap** / **Tailwind**
- Other learning resources:
 - [web.dev](#)

Bootstrap

What is Bootstrap?

- *"The most popular HTML, CSS, and JavaScript framework for developing responsive, mobile first projects on the web."*
 - twbs/bootstrap
- Bootstrap [Documentation](#)
- Bootstrap [Expo](#)

Bootstrap Features

- Really good looking UI
- **Mobile first**
- Multi-screen support (**responsive** design)
- Powerful **grid system** for design

Alternatives

- ★ **Tailwind CSS** : [website](#), [components](#)
 - Free Tailwind CSS site [templates](#).
 - Tailwind [Playground](#).
- **Bulma**: [website](#), [expo](#)
- **Materialize**: [website](#), [showcase](#)
- **Foundation**: [website](#), [showcase](#)

Questions?

