

ITEU 65 - OPEN - SOURCE TECHNOLOGY

ASYNCHRONOUS ACTIVITY #2

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ACTIVITY #2: IN A SHORT BOND PAPER, HANDWRITTEN-

IN YOUR OWN WORDS, WHAT DO YOU THINK ARE THE DIFFERENCES OF BOOTSTRAP AND CASCADING STYLE SHEET?

BOOTSTRAP	CSS
1. TIME - SAVING ↳ SAVES TIME SINCE THERE IS ALREADY A PRE-BUILT COMPONENT READY TO USE	▶ TAKES TIME SINCE HAD TO MANUALLY MODIFY EVERY ELEMENT FROM SCRATCH
2. RESPONSIVENESS ↳ PROVIDES GRID SYSTEM FOR EASIER ADAPTATION OF DIFFERENT SCREEN SIZES	▶ RESPONSIVENESS MUST BE SET OR CODE MANUALLY BY MODIFYING STYLES BASED ON SCREEN SIZE
3. BROWSER COMPATIBILITY ↳ SUPPORTS BETTER CROSS-BROWSER COMPATIBILITY AND IS TESTED ACROSS DIFFERENT BROWSER	▶ HAD TO WRITE SPECIFIC CSS RULES TO DIFFERENT BROWSERS TO AVOID COMPATIBILITY ISSUES
4. FLEXIBILITY ↳ OFFERS PRE-BUILT COMPONENTS WHILE STILL ALLOWING CUSTOMIZATION	▶ PROVIDES COMPLETE CONTROL OVER EVERY ASPECT OF STYLING WITHOUT ANY CONSTRAINTS
5. CUSTOMIZATION ↳ CUSTOMIZE PRE-BUILT COMPONENTS BASED ON NEEDS	▶ CUSTOMIZE ELEMENTS WITHOUT ANY PROBLEMS BUT TAKES MORE TIME TO DO
6. LEARNING CURVE ↳ CAN BE EASILY LEARNED DUE TO TUTORIALS AND PRE-BUILT COMPONENTS	▶ TAKES MORE TIME TO LEARN, REQUIRES DEEPER UNDERSTANDING OF CSS CONCEPTS
7. COMMUNITY SUPPORT ↳ HAS A LARGE AND ACTIVE COMMUNITY, OFFERING TUTORIALS AND RESOURCES	▶ HAS ALSO LARGE COMMUNITY AND PROVIDE TUTORIALS BUT FINDING SPECIFIC SOLUTIONS IS DIFFICULT
8. PURPOSE ↳ USED FOR DEVELOPING RESPONSIVE WEBSITE	▶ USED TO PRESENT THE APPEARANCE OF ITS CONTENT
9. FILE SIZE ↳ DUE TO PRE-BUILT COMPONENT IT WILL HAVE A LARGER SIZE	▶ FILE SIZE DEPENDS ON THE AMOUNT OF CSS CODE WRITTEN
10. MAINTENANCE ↳ EASIER MAINTENANCE BUT IS LIMITED BY ITS CONSTRAINTS	▶ REQUIRES MORE EFFORT AND ATTENTION TO DETAIL TO ENSURE COMPATIBILITY