

Week 8

Regular Expressions

1. What are the quantifiers that we discussed in lecture?

- * means zero or more
- + means one or more
- ? means zero or one

2. Complete the five Beginner puzzles on regexcrossword.com. Which was your favourite and why? (There will be a regex crossword on the final exam)

The "Symbolism" one. I am surprised to find out that * in a [] really means '*' but not "zero or more".

3. Write a snippet of Java code which will print true if string s matches regex r.

```
if(Pattern.compile(r).matcher(s).matches()){  
    System.out.println("true");  
}
```

Embedded Ethics Module I

4. What are the two models of disability that were discussed? Briefly explain both models.

- The Medical Model

According to the medical model of disability, when someone has a disability, the limitations are caused by the physical or mental impairment.

- The Social Model

The social model of disability suggests that the limitations are not caused by the physical or mental impairments themselves, but instead by the way they interact with the human world – whether through stigma or environmental design.

5. What are the seven principles of universal design?

Principle 1: Equitable Use

Principle 2: Flexibility in Use

Principle 3: Simple and Intuitive Use

Principle 4: Perceptible Information

Principle 5: Tolerance for Error

Principle 6: Low Physical Effort

Principle 7: Size and Space for Approach and Use