

# Dart Programming Language

## Lab 2

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# Assignment 1

- Implement the extension function `getFullInfo()` returning a string value. It should list the properties of the class as in the example below and add "Unspecified" if the corresponding value is null:
- name: Alice
- email: [alice@gmail.com](mailto:alice@gmail.com)
- country: Germany
- city: Munich
- street: Unspecified

```
/* Output:  
name: Alice  
email: alice@gmail.com  
country: Germany  
city: Munich  
street: Unspecified  
—  
name: Bob  
email: Unspecified  
country: Unspecified  
city: Unspecified  
street: Unspecified  
*/
```

# Assignment 2

- Create extension function to called validate Username that accept only character with a-z , A-Z and 0 -9 and \$, \_ and its length between 6 and 12, and return bool

# Assignment 3

- Given an integer n, return an integer that is the reverse ordering of digits.

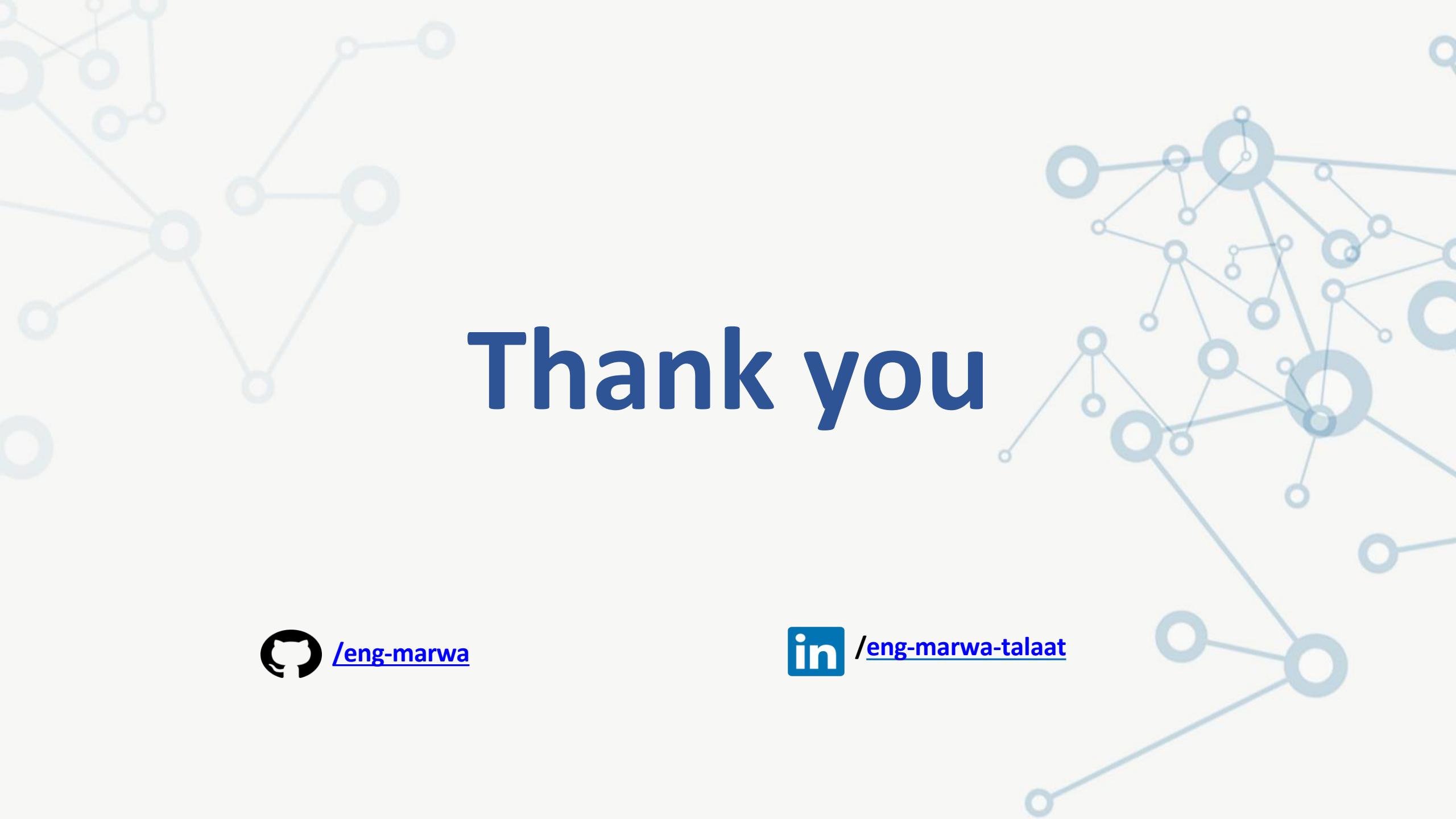
```
reverseInt(15) // 51  
reverseInt(981) // 189  
reverseInt(500) // 5  
reverseInt(-15) // -51  
reverseInt(-90) // -9
```

# Assignment 4

- Given a string implement a function which returns longest word in that string. If there are two or more words that have the same length, return the first longest word from the string. Ignore punctuation.  
Input string can't be empty or blank string.

```
longestWord("big flower") // flower
```

```
longestWord("this is a house") // house
```

A faint, light-blue network graph serves as the background for the slide. It consists of numerous small, semi-transparent circular nodes connected by thin, light-blue lines, forming a complex web-like structure.

# Thank you

