

Dart Programming Language

Lab 2

Marwa Talaat
2025

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
- 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
```

Thank you



[/eng-marwa](#)



[/eng-marwa-talaat](#)