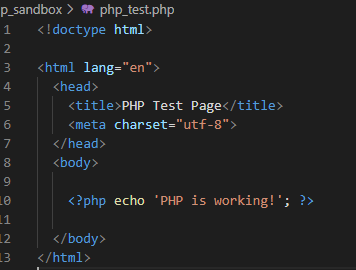
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Syntax Features | Source Code From | | | |
| In-class demos | Referenced PHP tutorials | Homework exercises or personal practice | Assessment |
| 1. PHP tags, escaping html, Instruction separation |  |  | Shape  Description automatically generated with medium confidence |  |
| 2. Variables: basic types, globals, scope, predefined variables, constants |  |  |  |  |
| 3. Namespaces, include, require |  |  |  |  |
| 4. Coding Conventions |  |  |  |  |
| 5. Arrays, foreach |  |  |  |  |
| 6. Selection |  |  |  |  |
| 7. Iteration |  |  |  |  |
| 8. Functions |  |  |  |  |
| 9. Strict types, type hinting, |  |  |  |  |
| 10. Classes, properties, constructors and destructors, visibility |  |  |  |  |
| 11. OO “tricks”: inheritance, static, abstract, interfaces |  |  |  |  |
| 12. Error handling, try, catch, throw, finally |  |  |  |  |
| 13. Cookies |  |  |  |  |
| 14. Sessions |  |  |  |  |
| 15. REST |  |  |  |  |
| 16. Passwords |  |  |  |  |
| 17. Regular expressions |  |  |  |  |
| 18. il8n |  |  |  |  |
| 19. String functions |  |  |  |  |
| 20. MySQL Improved Extension |  |  |  |  |

# PHP tags, escaping html, instruction separation

## 1.1 in class demo

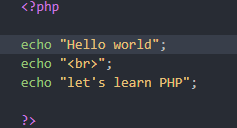


Graphical user interface, text, application

Description automatically generated

## Reference from the PHP documentation

<https://www.php.net/manual/en/language.basic-syntax.phptags.php>



Graphical user interface, text

Description automatically generated

## Personal example of a short tag

Text

Description automatically generated with medium confidence

Graphical user interface

Description automatically generated with medium confidence

## Assessment Example

Text

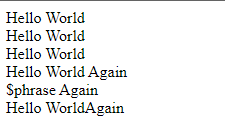
Description automatically generated

# Variables: basic types, globals, scope, predefined variables, constants

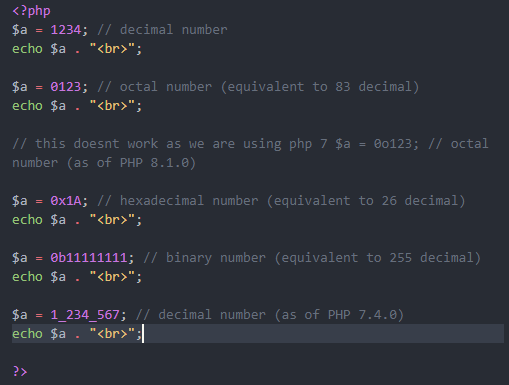
## 2.1 In class String example

Text

Description automatically generated



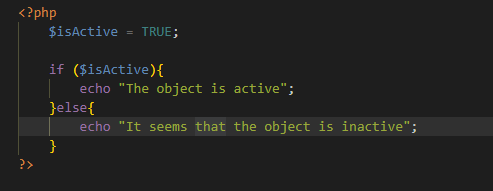
## Example from PHP documentation (integer)



Text, letter

Description automatically generated

## 2.3 Personal example



## 2.4 Assessment Example

Text

Description automatically generated

# 3.Namespaces, include, require

## 3.1 In class example

Graphical user interface

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

## 3.2 Example from PHP documentation

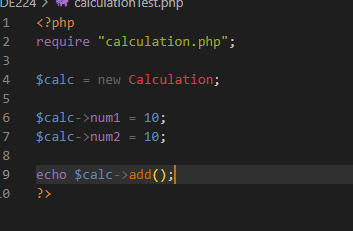
Text

Description automatically generated

Graphical user interface, application

Description automatically generated

## 3.3 Personal example



Text

Description automatically generated

Shape

Description automatically generated

## 3.4 Assessment Example

Text

Description automatically generated

# 4 Coding conventions

## 4.1 In class example

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

## 4.2 PHP Documentation example

https://pear.php.net/manual/en/standards.control.php

Graphical user interface

Description automatically generated with low confidence

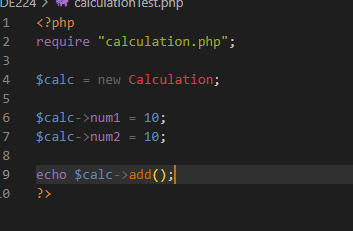
Text

Description automatically generated

A picture containing background pattern

Description automatically generated

## 4.3 Personal example



Text

Description automatically generated

Shape

Description automatically generated

## 4.4 Assessment Example

Text

Description automatically generated

# 5 Arrays, Foreach

## 5.1 In class example

Text

Description automatically generated

Text

Description automatically generated with medium confidence

## 5.2 PHP Documentation example

<https://pear.php.net/manual/en/standards.arrays.php>

A picture containing text

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

A picture containing diagram

Description automatically generated

## 5.3 Personal example

Text

Description automatically generated

A picture containing screenshot

Description automatically generated

## 5.4 Assessment Example



# 6 Selection

## 6.1 In class example

Text

Description automatically generated

Graphical user interface, text, application, chat or text message, email

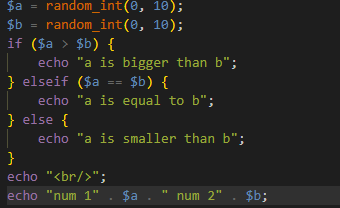
Description automatically generated

## 6.2 PHP Documentation example

https://www.php.net/manual/en/control-structures.elseif.php

Text

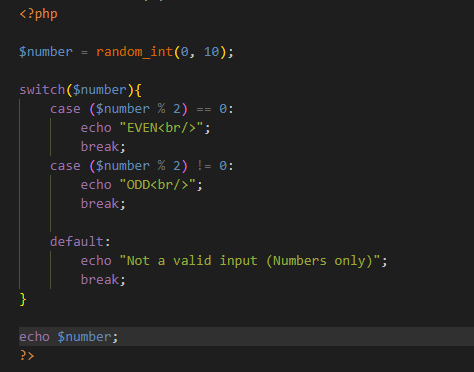
Description automatically generated



Text

Description automatically generated

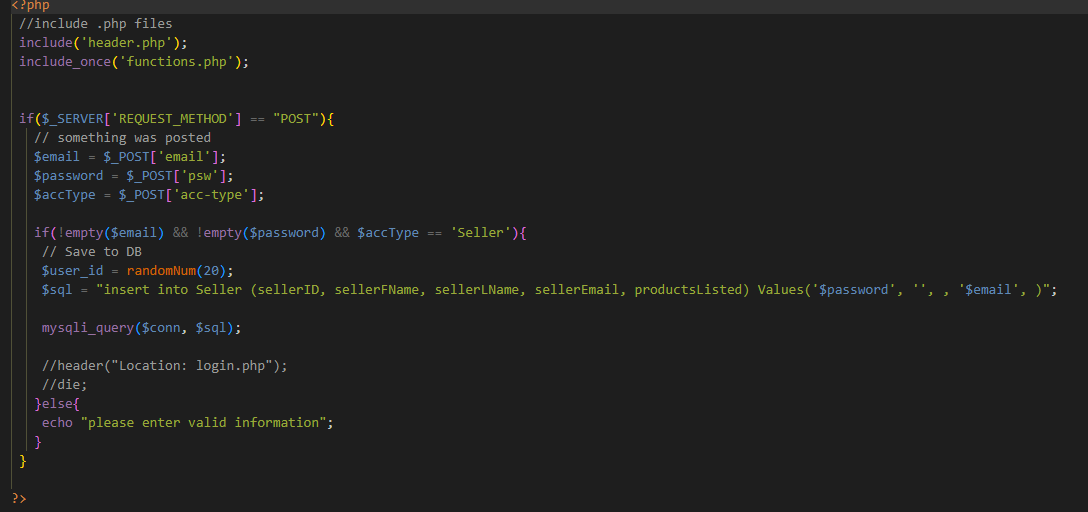
## 6.3 Personal example



Shape, rectangle

Description automatically generated

## 6.4 Assessment Example



# 7 Iteration

## 7.1 In class example

Text

Description automatically generated

Table

Description automatically generated with medium confidence

## 7.2 PHP Documentation example

https://www.php.net/manual/en/control-structures.for.php

Text

Description automatically generated

A picture containing text

Description automatically generated

## 7.3 Personal example

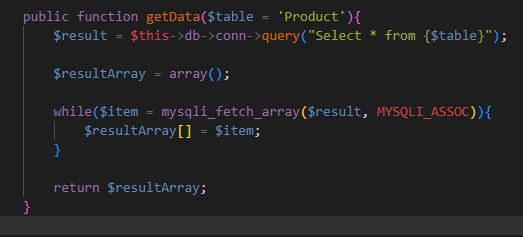
Text

Description automatically generated

A picture containing screenshot

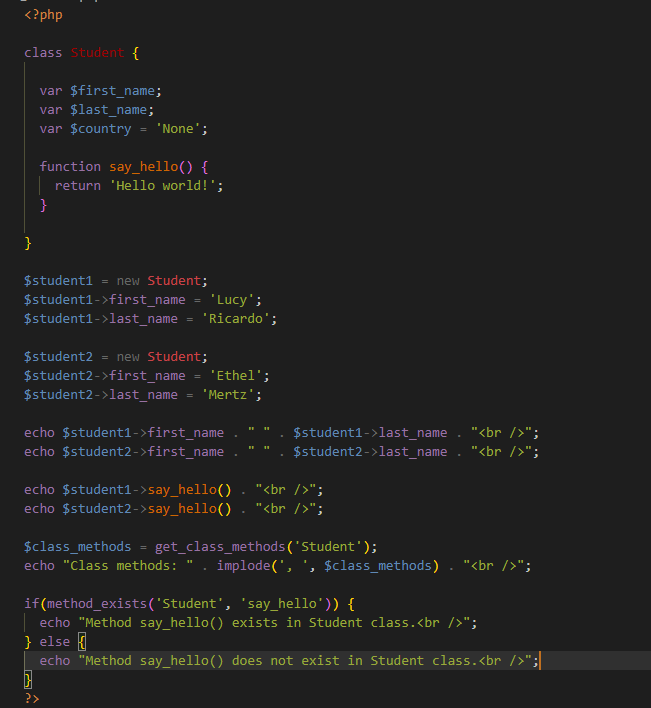
Description automatically generated

## 7.4 Assessment Example



# 8 Functions

## 8.1 In class example



Text, letter

Description automatically generated

## 8.2 PHP Documentation example

Text

Description automatically generated

A picture containing text

Description automatically generated

## 8.3 Personal example

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

## 8.4 Assessment Example

Text

Description automatically generated

# 9 strict types, type hinting,

## 9.1 In class example

Text

Description automatically generated

Text

Description automatically generated

## 9.2 PHP Documentation example

Graphical user interface, text

Description automatically generated

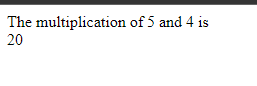
A picture containing text

Description automatically generated

## 9.3 Personal example

A screenshot of a computer

Description automatically generated with medium confidence



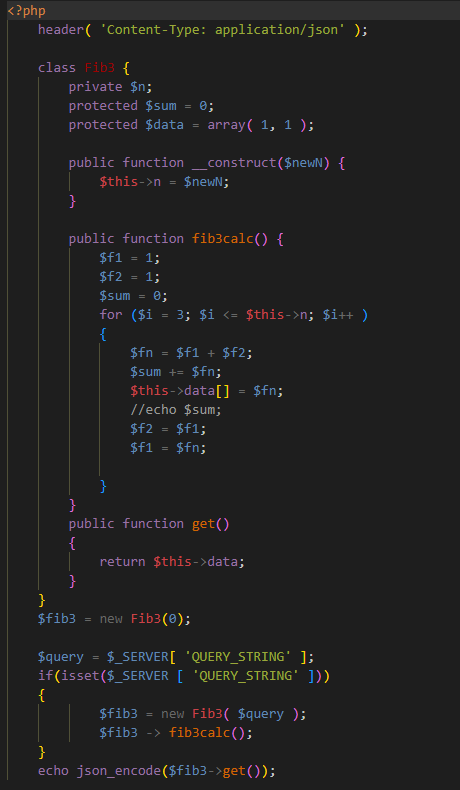
## 9.4 Assessment Example

Text

Description automatically generated

# 10 classes, properties, constructors and destructors, visibility

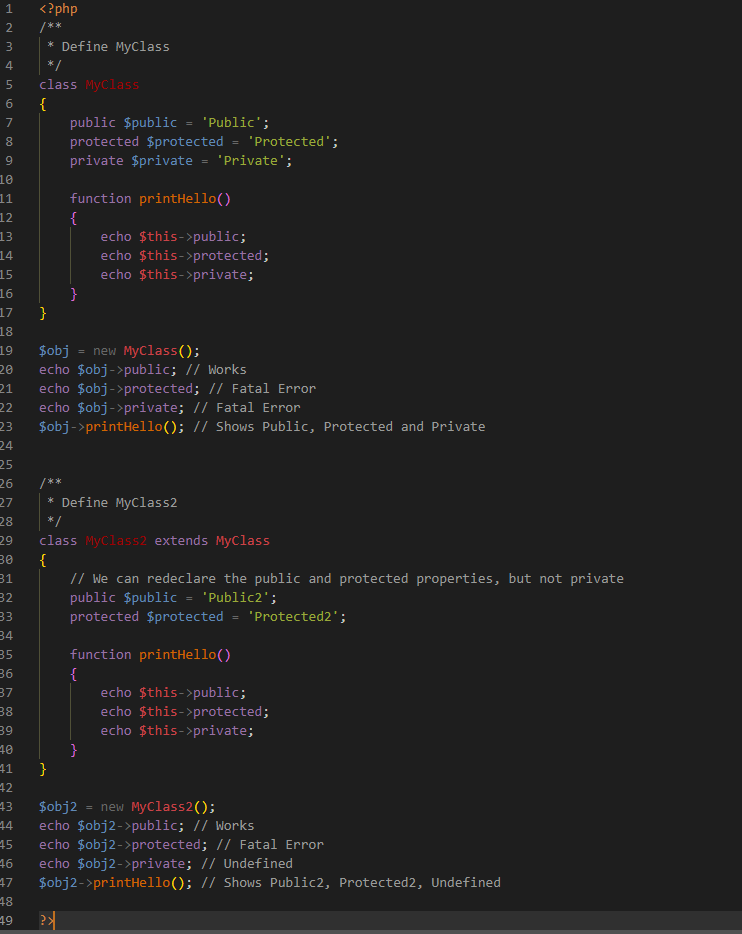
## 10.1 In class example

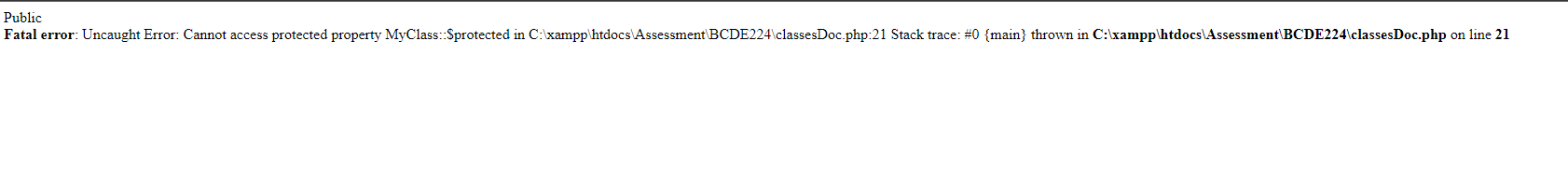


Graphical user interface, text, application

Description automatically generated

## 10.2 PHP Documentation example





## 10.3 Personal example

Text

Description automatically generated

Text

Description automatically generated with medium confidence

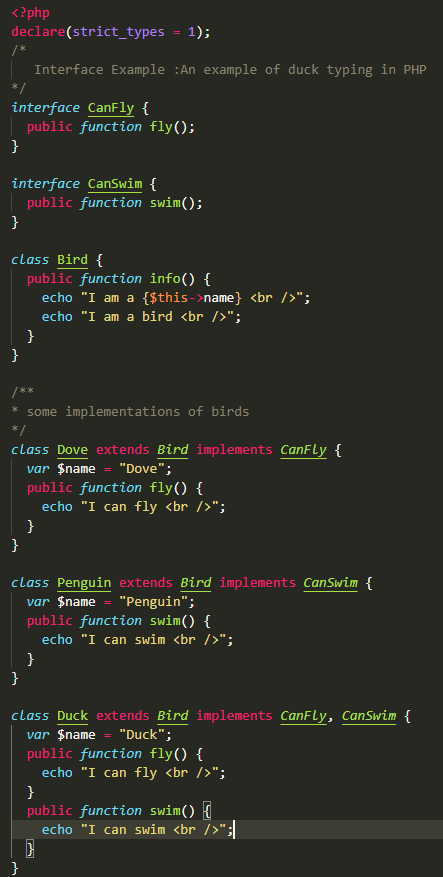
## 10.4 Assessment Example

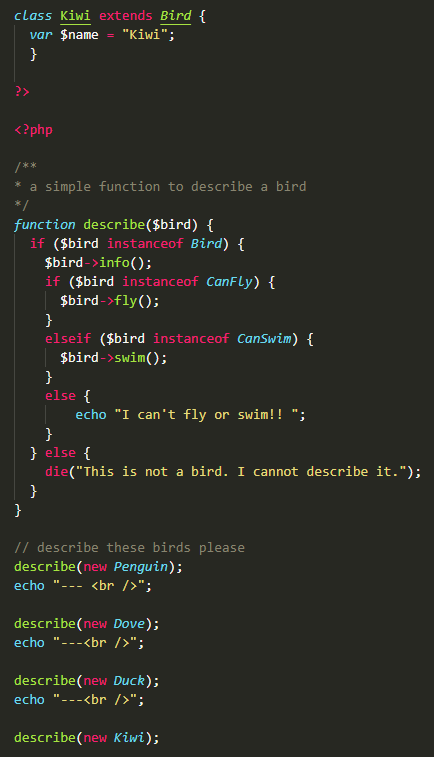
Text

Description automatically generated

# 11 OO “tricks”: inheritance, static, abstract, interfaces

## 11.1 In class example





## 11.2 PHP Documentation example



## 11.3 Personal example

## 11.4 Assessment example

Text

Description automatically generated

# 12 Error handling, try, catch, throw, finally

## 12.1 In class example

Text

Description automatically generated

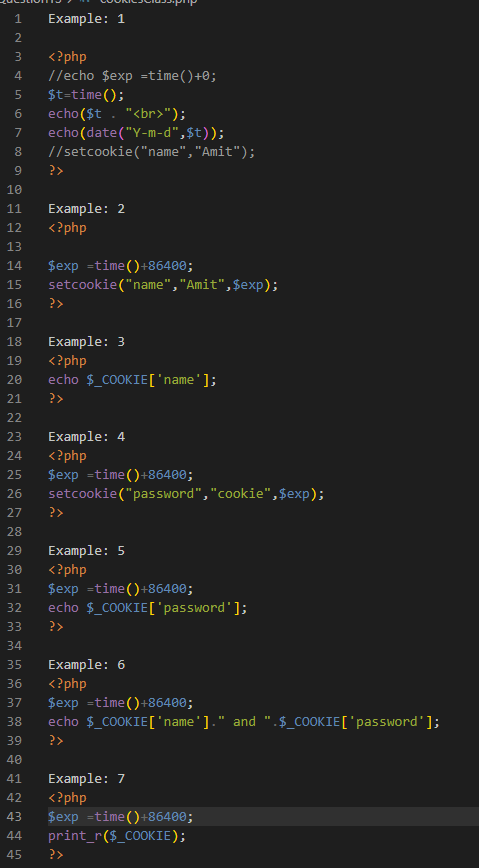
## 12.2 PHP Documentation example



## 12.3 Personal example

# 13 Cookies

## 13.1 In class example

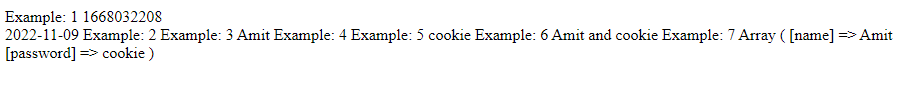


A close-up of a document

Description automatically generated with low confidence

Graphical user interface, application, Word

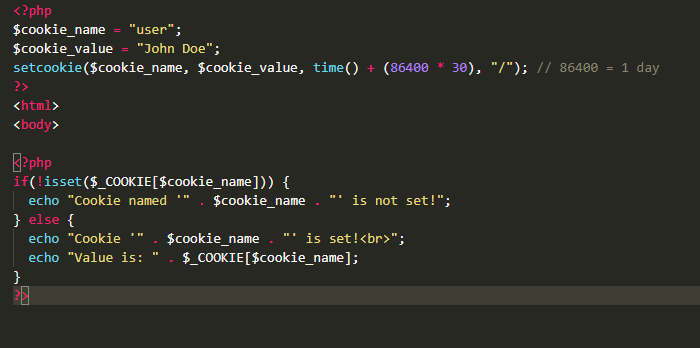
Description automatically generated



Graphical user interface, table

Description automatically generated

## 13.2 PHP Documentation example



Text

Description automatically generated with medium confidence

Graphical user interface, application, Word

Description automatically generated

Text

Description automatically generated

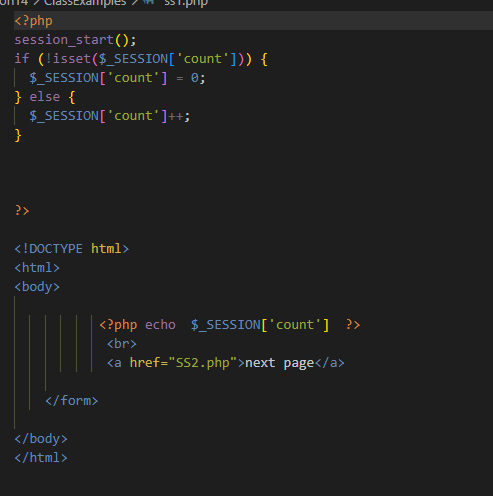
Graphical user interface, application

Description automatically generated

## 13.3 Personal example

# 14 Sessions

## 14.1 In class example



Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated with medium confidence

Logo

Description automatically generated with medium confidence



When clicking the last page link

## 14.2 PHP Documentation example



Reset the session

Text

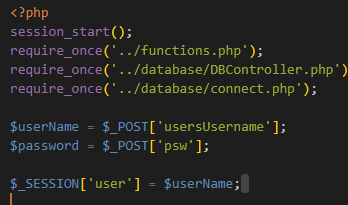
Description automatically generated

Graphical user interface

Description automatically generated with low confidence

## 14.3 Personal example

## 14.4 Assessment example



# 15 Rest

## 15.1 In class example

Text

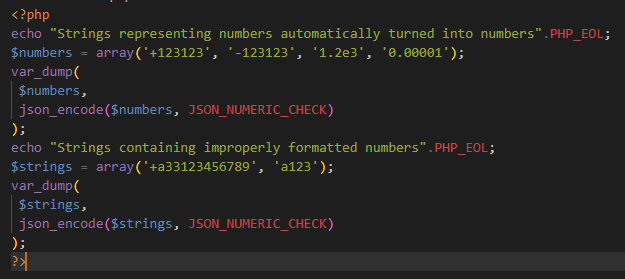
Description automatically generated

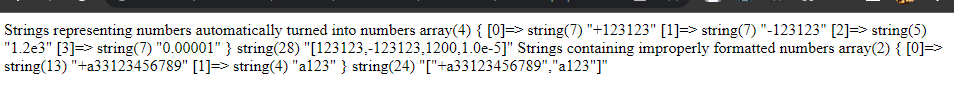
Text

Description automatically generated



## 15.2 PHP documentation example (JSON-Encode)

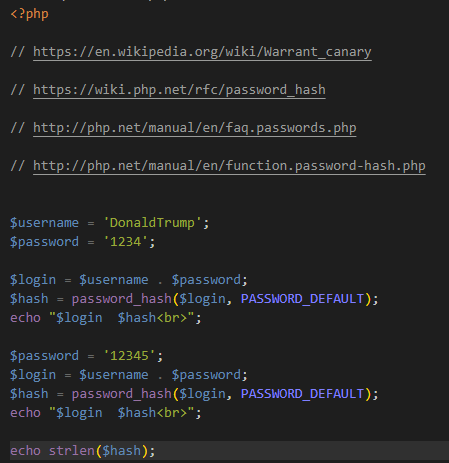




## 15.3 Personal Example

# 16 Passwords

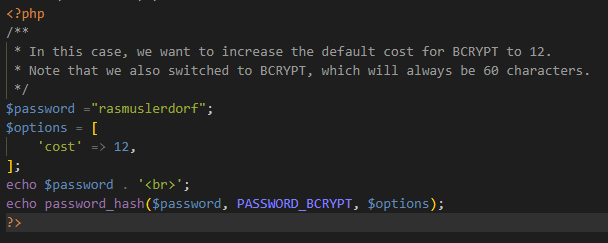
## 16.1 In class example



Text

Description automatically generated

## 16.2 PHP documentation example



A picture containing text

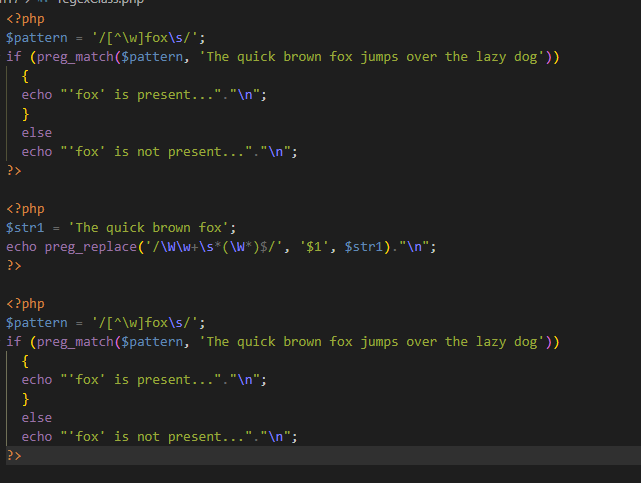
Description automatically generated

## 16.3 Personal Example

## 16.4 Assessment Example

# 17 Regular expression

## 17.1 In class example



A picture containing text

Description automatically generated

## 17.2 PHP documentation example

Text

Description automatically generated



## 17.3 Personal Example

# 18 il8n

## 18.1 In class example

For DE

Text

Description automatically generated

Graphical user interface

Description automatically generated with medium confidence

For EN

Graphical user interface, text

Description automatically generated

Text

Description automatically generated with medium confidence

The .ini file

Text

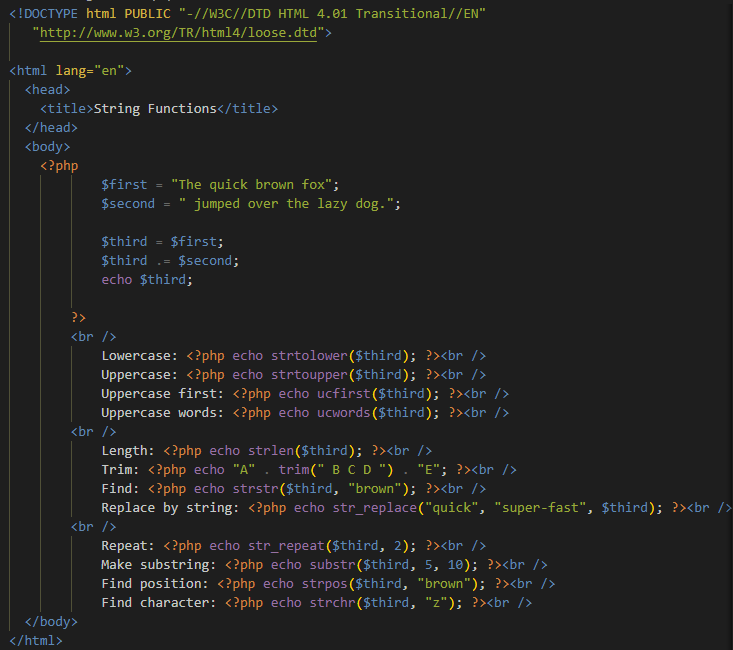
Description automatically generated

## 18.2 PHP documentation example

## 18.3 Personal Example

# 19 String functions

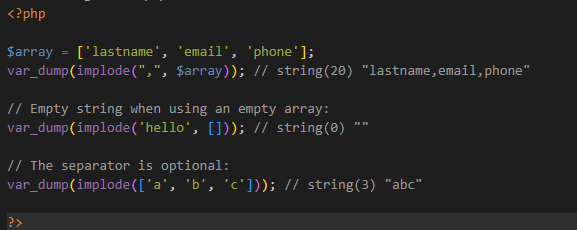
## 19.1 In class example



Text

Description automatically generated

## 19.2 PHP documentation example (implode())



Text

Description automatically generated with low confidence

## 19.3 Personal Example

## 19.4 Assessment Example

Text

Description automatically generated

# 20 Mysqli

## 20.1 In class example

## 20.2 PHP documentation example

## 20.3 Personal Example

## 20.4 Assessment Example

