

#### **Information Technology**

Year 2020/2021

## **Introduction to Programming**

Programming in Python

ISEG Information Technology Team

Inf-Tech - 2020/2021-Parte-01\_1



#### • Reading from a file

- First create a text file called pi\_digits.txt







#### • Reading from a file

- Reading the file pi\_digits

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#### • Reading from a file

- Reading the file pi\_digits line per line

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<pre>6]: filename = 'pi_digits.txt' with open(filename) as file_object:     for line in file_object:         print(line)</pre>
3.1415926535 8979323846 2643383279



#### • Reading from a file

- Reading the file pi\_digits line per line into a list

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- Writing to a file
  - Will overwrite the existing file

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<pre>In [8]: filename = 'example.txt' with open(filename,'w') as file_object:     file_object.write("first line \n")     file_object.write("second line\n")</pre>

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- Writing to a file
  - Will append the text to the existing file

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<pre>In [9]: filename = 'example.txt' with open(filename,'a') as file_object:     file_object.write("third line \n")</pre>

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