

1. Introduction to Programming and Python



**Email address and
other info for ideas
and suggestions**

1.

INTRODUCTION TO PROGRAMMING AND PYTHON



Welcome!

Welcome to the Python Hero Academy.

In this course, you'll learn programming with python from basics to advanced. Take a **real college-like** course without the limitations of one!

```
q1.py
1 class Course:
2     def __init__(self, name , language):
3         print("Hello {} !".format(name))
4         self.name = name
5         self.language = language
6
7     def ready(self):
8         self.begin()
9
10    def begin(self):
11        #Lets Start!
12
13    if __name__ == "__main__":
14        i = input()
15        mylist = [x ** 3 for x in range(3)]
16        for j in range(0 , 3):
17            mylist.append(29)
18
19        Welcoming_sentence = " Welcome to this Course! 12345"
20
21        for letter in Welcoming_sentence:
22            if letter in "0123456789":
23                continue
24            else:
25                print(letter , end = "")
26
27        MyCourse = Course("My Name" , "Python")
28        MyCourse.ready()
```

Contents



1

What is Programming?

A very simple description of what programming languages are

2

High level and low level languages

What they are and a simple comparison between them

3

Interpeted and Compiled languages

What they are and a simple comparison between them

“Everybody should learn how to program a computer, because it teaches you how to think.”

—Steve Jobs

A thick green horizontal bar is positioned to the left of the main title.

Important information

Bluh bluh bluh bluh



1. Title

A summary

Title

Main Explanation

Dividing to two

Pros :

- 1.
- 2.
- 3.
- 4.

Cons :

- 1.
- 2.
- 3.
- 4.

Dividing to two

Pros

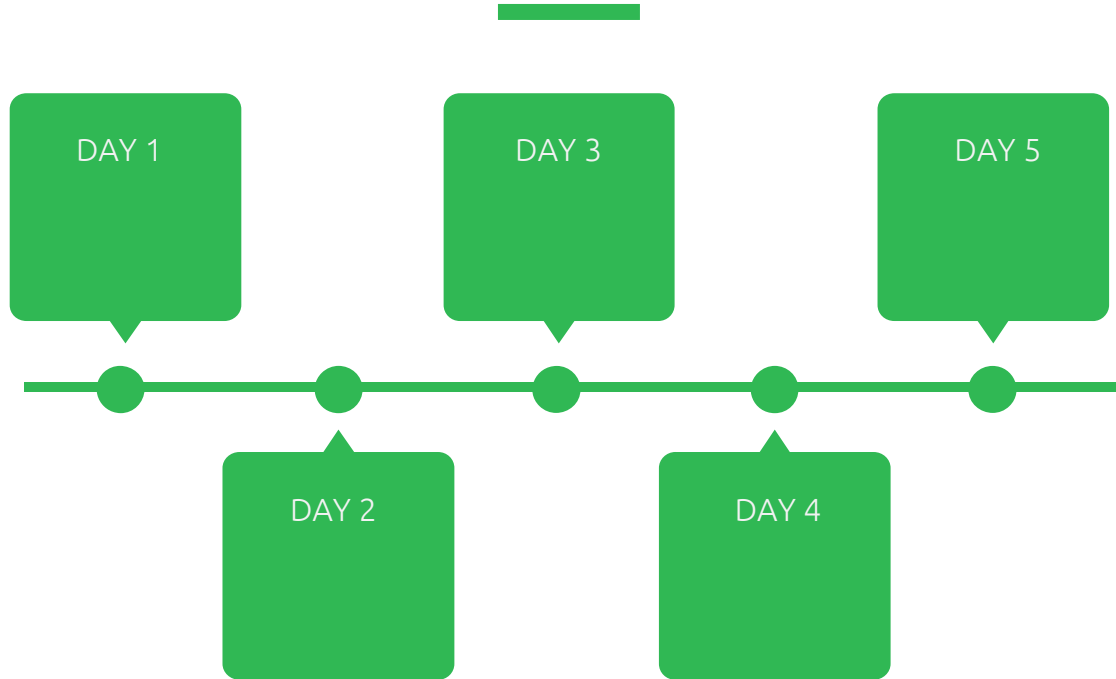
- 1.
- 2.
- 3.
- 4.
- 5.

Cons

- 1.
- 2.
- 3.
- 4.
- 5.



Timeline (Other modules also available)



123

1

First one

2

Second

3

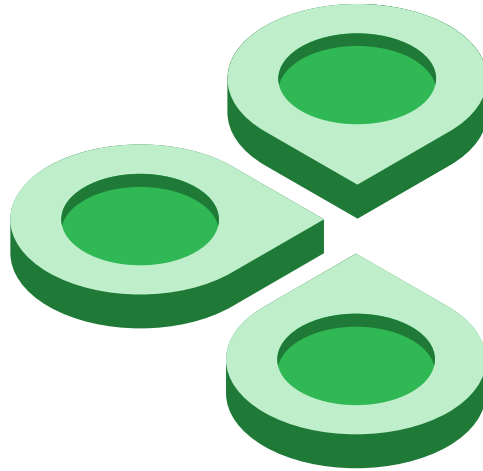
Third one



Infographics ...

JUPITER

It's a gas giant and the biggest planet in our Solar System



MARS

Despite being red, Mars is a cold place, not hot

VENUS

Venus has a beautiful name, but it's terribly hot

... and the same goes for tables

	MASS (earths)	DIAMETER (earths)	SURFACE GRAVITY (earths)
MERCURY	0,06	0,38	0,38
MARS	0,11	0,53	0,38
SATURN	95,2	9,4	1,16

Thanks!

Questions?
Here's other contact info: