

Graduation Project Proposal

Students' Names:

a) **Khalid Asi**

b) **Yahya Ali**

Graduation Year: Fall 2017/2018

Supervisor Name: Mrs. Hanan Nihad

Date: 18/12/2017

Overview

The project suppose to learn Python just as a beginning step, know what it is, learn the simple subjects that are useful for beginners, then, after being ready, go forward the next step, which is producing educating video tutorials teach what we have learnt.

The project documented online instead of hard copy, because the students believe that the world should be paperless to save the environment.

Project Title:

Python Tutorials for Beginners

Brief Description:

Knowledge of computer programming habituates your mind to thinking in a sensible, common sense manner and that approach will benefit anyone in the information technology field. The ability to think rationally and use logic when making decisions in.

Today, most people do not need to know how a computer works. Most people can simply turn on a computer or a mobile phone and point at some little graphical object on the display, click a button or swipe a finger or two, and the computer does something. How to interact with a computer program is all the average person needs to know.

Even though, it has not yet been adopted as a first language by many computer science programs, Python is widely seen by industry experts as a great first programming language when learning to code.

For starters, the syntax of Python is simpler than that of most other major programming languages, with fewer exceptions and special cases.

Our goal is to learn and teach Python throughout an educational video tutorial documented in a website, whether recorded or live, are important to students because they add another dimension to learning that makes a student's educational experience more effective. The videos allow a classroom setting to come to life, offering different perspectives and tools that students might not normally be able to take advantage of in their learning.

Project Outcomes or Objectives:

(Minimum of three)

- a) Learn python as a new and useful programming language.
- b) Produce educational video tutorials published on YouTube to teach Python.
- c) Document the work on a website.

Keywords :

(Minimum of three)

1. Python
2. Video tutorials
3. Programming

Project Completion Strategies:

(What will the student do?)

1. Planning
2. Analysis
3. Designing
4. Implementation
5. Documentation
6. Testing

Resources and Materials Needed to Complete the Project:

(S/W and H/W)

1. Python 3.6.
2. Pycharm.
3. Camtasia 9.0 for video recording.
4. Create a channel on YouTube.
5. Select www.000webhost.com as a free host for website.
6. Use Google drive as a safe media for storing material.
7. Duck Capture.
8. Microsoft Office Visio Pro 2012.

Proposal Acceptance:

I submit this project and understand that its successful completion is necessary for graduation, and furthermore, I understand that any expenses incurred for the project are my responsibility.

Students' Signatures:

- a) Khalid Asi
- b) Yahya Ali

The above proposal is deemed appropriate to the students and the project guidelines, and is therefore accepted.

Supervisor Signature: Mrs. Hanan Nihad

Date: 6/Sep/2017

Note: the website link for the project:

<http://pythonlessons2017.000webhostapp.com>