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| Student Number: | U3202330 |
| Student Name: | David Cayetano Ascencio Navarro |
| Unit Name: | Programming for design |
| Name of Tutor: | Simon Thompson |
| Assignment topic: | Project 2 Reflection |
| Due date: | Week 13 Friday 1st November |

**Faculty of Arts and Design**

Coding for design reflection

This unit helped me to acquire basic necessary knowledge to understand how to basic coding works, from old school coding to the contemporary era with more innovative systems and coding languages.

The assignment made me understand how important it is to have knowledge about how software works, not only through web design to make a page look neat and user friendly, but the work behind how programs are correlated through instructions in computer language.

The most interesting part of this assignment was being involved in creating my own program with the language that I was assigning to do, with the way I picked up the teachings through the semester.

An interesting part of it is that I had to applied my basic knowledge in other unit of this semester which was coding in unity engine developing a VR environment with a colleague from digital media who had far more advance coding knowledge yet I was able to talk about what he was doing with my basic skills.

In general, I enjoyed a lot coding in HTML language as I understood the concept better through coding in the software brackets. Unfortunately, I had to take a massive jump to understand how python worked as it was more specific to what you what it the program to do.

Overall regardless of the assignments reading more about coding will help me to continue to understand how programming in computer language works. At this stage I had an app that takes you in steady phase to understand how to code.

Please see below flow chart for my program in python

New.html

Does not open

Start

If changed manually

Info doesn’t

change

Enter Author name

Yes

Information is correct

Enter Olid number for Author picture

Give result book cover

Check for information ISBNlibrary.txt

Error

No

Write information in new.html

Read each line information from ISBNlibrary.txt

See Pseudocode below

Start – run program <writer>

Then – read information <ISBNlibrary.txt>

While – read each line <ISBNlibrary.txt>

For – each line in <ISBNlibrary.txt>

Print – each line content <ISBNlibrary.txt>

Then – open <new.html>

If – read <ISBNlibrary.txt> then display cover in <new.html>

For loop – when read <ISBNlibrary.txt> nothing changed display same cover, author page, title.

End program