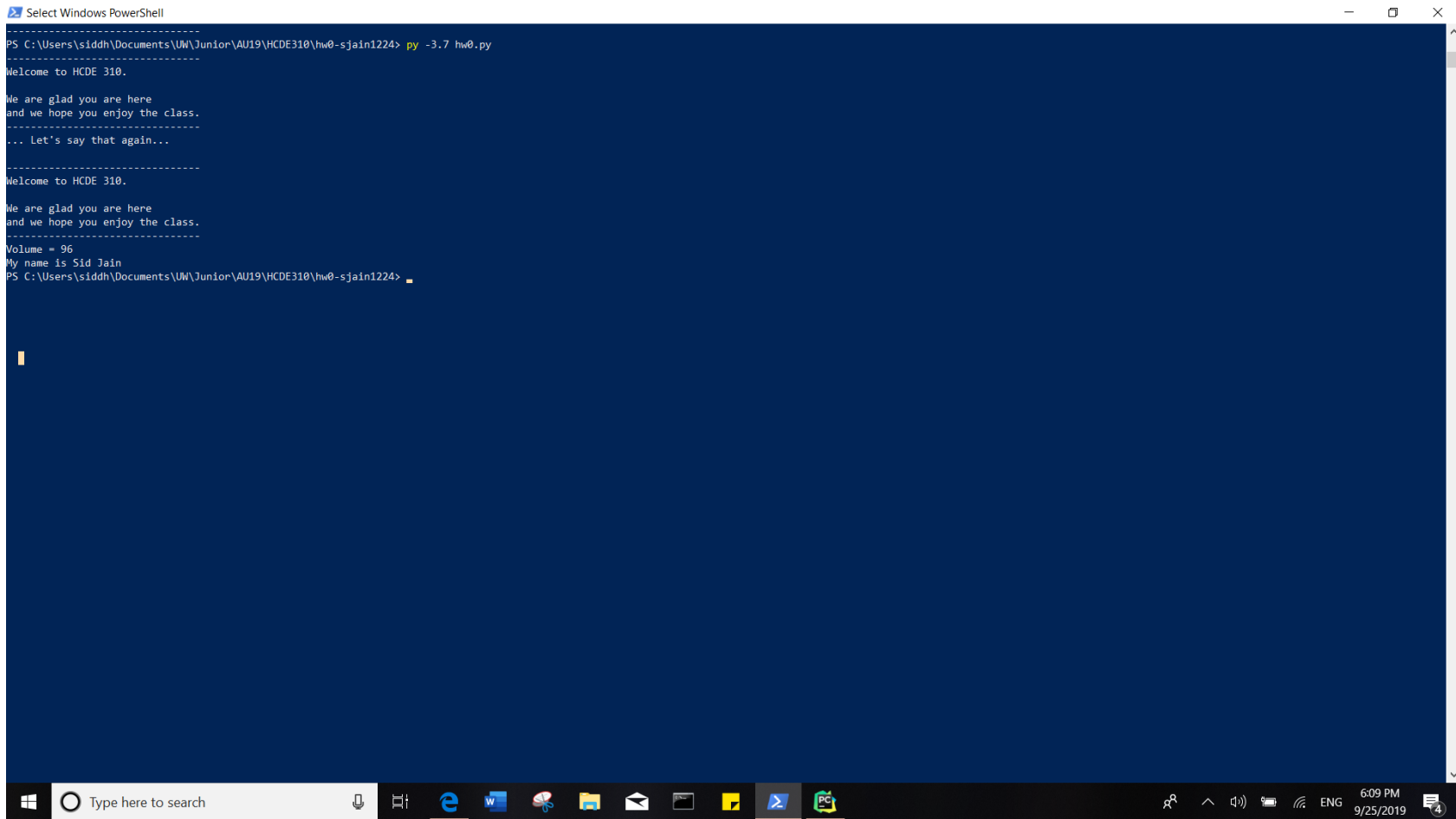


HW 0: Getting Started

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HCDE 310
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Part 6: Screenshot of the hw0.py Output



```
PS C:\Users\siddh\Documents\UW\Junior\AU19\HCDE310\hw0-sjain1224> py -3.7 hw0.py
Welcome to HCDE 310.

We are glad you are here
and we hope you enjoy the class.
... Let's say that again...

Welcome to HCDE 310.

We are glad you are here
and we hope you enjoy the class.

Volume = 96
My name is Sid Jain
PS C:\Users\siddh\Documents\UW\Junior\AU19\HCDE310\hw0-sjain1224>
```

Part 7: Design A Program (in English)

To count the number of words in a document, place your cursor on the first character in the document, which is your first word. Keep moving your cursor to the right until you hit a space. When you hit the space, move your cursor once again to the right and if there is a character after it, increase your word count by 1. If you hit the end of the line, move to the line below it. If there is a character on that next line, add 1 to the word count and repeat the process of moving your cursor to the right, following the same rules of when to add 1 more to the word count. When you hit the end of all the characters in the document, the number you have is your final word count.

Part 8: Reflection

Part 7 seemed easy for me once I had planned out how to do it but was unsatisfying because I was unsure of how to start the description at first. Even while I was writing it, there was an urge to try to make it sound more complicated, but I had to consider if what I was writing was truly necessary or not. I had to reflect and think what would be helpful to the reader and if what I had was either enough clarity as well as not overloading them with information.

In this course, I want to learn how to use different pieces of technology to create a more interactive and more complete prototype to show people as well as having the basic understanding to be able to assist in development and be more independent.