### **MNIST Tutorial test**

<https://www.youtube.com/watch?v=CD4qAhfFuLo> - Snake

<https://stackoverflow.com/questions/19882415/closing-pygame-window> - Quit Window

<https://www.techwalla.com/articles/how-to-convert-int-to-string-in-python> - int to string

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| **Sprint Number** | **Start Date** | **Finish Date** |
| 1 | 27/09/2019 | 02/10/2019 |

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| **Task Number** | **Details** | **Status** |
| 1 | Install Python 3.7.4 | Complete |
| 2 | Install Anaconda 4.7.12 | Complete |
| 3 | Open Anaconda Prompt (Miniconda3) and run the following command “conda install python=3.6” | Complete |
| 4 | Open PyCharm | Complete |
| 5 | Go to the following web address: <https://towardsdatascience.com/image-classification-in-10-minutes-with-mnist-dataset-54c35b77a38d> | Complete |
| 6 | Install Tensorflow plugin from PyCharm | Complete |
| 7 | Download sample dataset | Complete |
| 8 | Install Keras from PyCharm | Complete |
| 9 | Train neural network model using MNIST training data | Complete |
| 10 | Test neural network using MNIST testing data | Complete |

Write up of key development involved (1/2 paragraphs usually for the prototype, maybe 1 or 2 pages for Sprints)