Trent University
Computing and Information Systems 1010H
Winter 2019 - Peterborough
ASSIGNMENT 2

For this assignment, you will be using the Scratch programming language to create a Fantasy/Sci-Fi animation (the theme of your animation must be Fantasy or Science Fictions (aliens, magic, etc). We encourage you to have fun and be creative, however, your assignment **must** be a **remix** of the following scratch project: https://scratch.mit.edu/projects/292113365/ **otherwise you will receive 0**.

Note: Although there is an offline version of Scratch, because of the remixing requirement, you **must** complete this assignment with the online version!

It must also contain (at minimum) the following:
- A meaningful project title
- At least 4 sprites including:
    - One of your own making within scratch (using the drawing tools)
    - The one already in the project (although you can edit it within Scratch if you want)
    - One sprite with multiple costumes (from the library or your own) that changes costume at least once during your program
    - Any other sprites of your choosing (library, drawn, open source images)
- One of your sprites should ask the user for their name, then use the name provided to welcome them and introduce your animation
- Part of your animation should be triggered by user action (key press, clicking on something, etc.). The necessary action, and its results should be described in the program instructions.
- A backdrop change during your animation
- Basic movement of one or more sprites
- The use of sound, either as background music or sound effect
- Sprite interaction/program control transfer using Message Broadcasting
- The use of a forever loop, and one other type of repetition
- A conditional statement
- The use of two different Sensing Blocks
- The use of at least different 2 Operators
- At least 5 comments (with one of the comments being your name and course title) **Note:** this means code comments, not characters talking or thinking….
- Proper instructions and Credits (if necessary) on the project page. Please respect copyright by properly crediting things you didn't own/create. This must also include the original image credit (you'll need to copy and paste)

The assignment will be marked out of 25 with 20 marks assigned to the functionality above and 5 marks assigned to the overall quality of your submission (effort, appearance and creativity).

Submission: You must **Share** your project in the web based version of Scratch, then **submit a link** to your project via Blackboard's Assignment 2 Submission Area. If you do not **share** the assignment, it cannot be viewed by the marker, and you will be given a 0.

Submission Checklist (failure to have done any of these will result in a zero)
- Assignment is a remix of the provided link (must have remix credit on the project page)
- Assignment is an animation with a Fantasy/Sci-Fi theme
- The Assignment has been shared