**Complete the challenges in order of complexity**

**RPG character/Pokemon stat creator**

Make a program which will randomly create a character’s stats based on several rules set by the user. Have it generate a class, gender, strength/magic/dexterity points, and extra abilities or trades. Have the program save it to a file which can then be printed out so that it can be used in a game.

**Extension:**

1. Make a mystical name generator. Perhaps randomise different name parts such as sha-ra-lam or big-lim-con to create names for each of your randomly generated characters.

**Email validator**

Make a program to check whether an email address is valid or not.

For instance, you could make sure that there are no spaces, that there is an @ symbol and a dot somewhere after it. Also check the length of the parts at the start, and that the end parts of the address are not blank.

**Extensions:**

1. When an email address is found to be invalid, tell the user exactly what they did wrong with their email address rather than just saying it is invalid

2. Allow the user to choose to give a text file with a list of email addresses and have it process them all automatically.

**Unit Converter (temperature, currency, volume, mass and more)**

Converts various units between one another. The user enters the type of unit being entered, the type of unit they want to convert to and then the value. The program will then make the conversion.

Davy Jones’ Locker

Python needs “Davy Jones/’ Locker” to use apostrophe

def run (): - will keep running

except ValueError: if there’s an error has specific thing to print

print(“Try again!”)

import os imports os

os.exit\_(99) exits program