Exercise App Image Microservice

1. To request data, send the microservice a list, that has been converted to a string, that contains the desired difficulty and category.

Example:

listy = str([difficulty, category])

my\_server.send(listy.encode())

2. To receive data, you must create a loop that continues to load image data, and then write to a file until all the binary image data is finished being sent over the socket. Once the loop terminates (reached end of data), close the file.

Example:

img\_file = 'new\_pic.jpg'

file = open(img\_file, 'wb')

image\_data = my\_server.recv(2048)

# getting image data

while image\_data:

file.write(image\_data)

image\_data = my\_server.recv(2048)

file.close()

3.

**Image Micro-Service**

**Socket**

**Exercise App Requesting**

Loop

Loop

Send image to App

Receive image data, write to file

Send string that contains difficulty and category