Multithreading

Assignment Questions

Q1. What is multithreading in python? Why is it used? Name the module used to handle threads in python.

Q2. Why threading module used? Write the use of the following functions:

 1. **activeCount()**
 2. **currentThread()**
 3. **enumerate()**

Q3. Explain the following functions:

 1. **run()**
 2. **start()**
 3. **join()**
 4. **isAlive()**

Q4. Write a python program to create two threads. Thread one must print the list of squares and thread two must print the list of cubes.

Q5. State advantages and disadvantages of multithreading.

Q6. Explain deadlocks and race conditions.

Note: *Create your assignment in Jupyter notebook and upload it to GitHub & share that GitHub repository link through your dashboard. Make sure the repository is public.*