

# Python

## Assignment Questions



**Q1. Which keyword is used to create a function? Create a function to return a list of odd numbers in the range of 1 to 25.**

**Q2. Why `*args` and `**kwargs` is used in some functions? Create a function each for `*args` and `**kwargs` to demonstrate their use.**

**Q3. What is an iterator in python? Name the method used to initialise the iterator object and the method used for iteration. Use these methods to print the first five elements of the given list [2, 4, 6, 8, 10, 12, 14, 16, 18, 20].**

**Q4. What is a generator function in python? Why `yield` keyword is used? Give an example of a generator function.**

**Q5. Create a generator function for prime numbers less than 1000. Use the `next()` method to print the first 20 prime numbers.**

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

