**LAB TASKS**

**TASK 1: PROJECT PRACTICE**

**TASK2: LAB PRACTICALS AND CODING NINJA ASSIGNMENTS**

**LIST OF PRACTICALS**

**Topics: Modules**

1. Write a Python program to generate a random color hex, a random alphabetical string, random value between two integers (inclusive) and a random multiple of 7 between 0 and 70. Use random.randint().
2. Write a Python program to select a random element from a list, set, dictionary (value) and a file from a directory. Use random.choice().
3. Write a Python program to construct a seeded random number generator, also generate a float between 0 and 1, excluding 1. Use random.random().
4. Write a Python program to generate a random integer between 0 and 6 - excluding 6, random integer between 5 and 10 - excluding 10, random integer between 0 and 10, with a step of 3 and random date between two dates. Use random.randrange().
5. Write a Python program to create a list of random integers and randomly select multiple items from the said list. Use random.sample().