20 May
<u>Python Basic - 1</u>

Q.1. What are keywords in python? Using the keyword library, print all the python keywords.

Q.2. What are the rules to create variables in python?

Q.3. What are the standards and conventions followed for the nomenclature of variables in python to improve code readability and maintainability?

Q.4. What will happen if a keyword is used as a variable name?

Q.5. For what purpose def keyword is used?

Q.6. What is the operation of this special character '\'?

Q.7. Give an example of the following conditions:
(i)   Homogeneous list
(ii)   Heterogeneous set
(iii)   Homogeneous tuple

Q.8. Explain the mutable and immutable data types with proper explanation & examples.

Q.9. Write a code to create the given structure using only for loop.
```
    *
   ***
  *****
 *******
*********
```

Q.10. Write a code to create the given structure using while loop.
```
|||||||||
 |||||||
  |||||
   |||
    |
```