```
Python 3.8.3 (default, Jul  2 2020, 17:30:36) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 7.16.1 -- An enhanced Interactive Python.
```

In [1]:   'C:/Users/blraj/Desktop/Christ_One_Drive/OneDrive - CHRIST UNIVERSITY/
Christ/MCS/Fall 2020/MCS 173 - Python/Labs/Lab03/CheckMyModule.py'   ='C:/Users/
blraj/Desktop/Christ_One_Drive/OneDrive - CHRIST UNIVERSITY/Christ/MCS/Fall 2020/MCS 173
- Python/Labs/Lab03'

```
***************************************
*                                     *
*       Name   : Rajkumar B L         *
*       Reg.no : 2047120              *
*       Course : MCS173 - lAB03       *
*                                     *
***************************************


====================================================
    Running Function  - Reverse Compliment DNA
====================================================

Case 01:
    Func   --> reversecompliment_DNA("GTCA")
    Result --> TGAC

Case 02:
    Func   --> reversecompliment_DNA("TGAC")
    Result --> GTCA

Case 03:
    Func   --> reversecompliment_DNA("GTACTGCTATCATTTACCC")
    Result --> GGGTAAATGATAGCAGTAC

Case 04:
    Func   --> reversecompliment_DNA("GTCA invalid input")
    Result --> Not Valid DNA String!

------------------  END FUNC 01 ------------------


====================================================
        Running Function  - Check If Pronic
====================================================

Case 01:
    Func   --> check_if_pronic(2)
    Result --> 2 is pronic for Consecutive Integers(1,2)

Case 02:
    Func   --> check_if_pronic(9)
    Result --> 44 is Not Pronic!

Case 03:
    Func   --> check_if_pronic(72)
    Result --> 72 is pronic for Consecutive Integers(8,9)

Case 04:
```

```
    Func    --> check_if_pronic(86)
    Result --> 86 is Not Pronic!

------------------  END FUNC 02 ------------------


==================================================
  Running Function  - Encode (Str -> Morse Code
==================================================

Case 01:
    Func    --> encode("Hey this is Raj here. Happy day.")
    Result --> .... . -.-- /- .... .. ... /.. ... /.-. .- .--- /.... . .-. . .-.-.-
/.... .- .--. .--. -.-- /-.. .- -.-- .-.-.-

Case 02:
    Func    --> encode("Hello world")
    Result --> .... . .-.. .-.. --- /.-- --- .-. .-.. -..

Case 03:
    Func    --> encode("MCS173 - Python Lab03")
    Result --> -- -.-. ... .---- --... ...-- /-....- /.--. -.-- - .... --- -. /.-.. .-
-... ----- ...--

Case 04:
    Func    --> encode("Invalid input --> *&--09**#$")
    Result --> Not Valid Input String!

------------------ END FUNC 03 ------------------


==================================================
  Running Function  - Decode (Morse Code --> Str
==================================================

Case 01:
    Func    --> decode(".... . -.-- /- .... .. ... /.. ... /.-. .- .--- /.... . .-. .
.-.-.- /.... .- .--. .--. -.-- /-.. .- -.-- .-.-.- ")
    Result --> HEY THIS IS RAJ HERE. HAPPY DAY.

Case 02:
    Func    --> decode(".... . .-.. .-.. --- /.-- --- .-. .-.. -.. ")
    Result --> HELLO WORLD

Case 03:
    Func    --> decode("-- -.-. ... .---- --... ...-- /-....- /.--. -.-- - .... --- -.
/.-.. .- -... ----- ...-- ")
    Result --> MCS173 - PYTHON LAB03

Case 04:
    Func    --> decode("Invalid input --> *&--09**#$")
    Result --> Not Valid Input String!

------------------ END FUNC 04 ------------------
```

In [2]: