Lesson-10: Working On Strings

Guess The Output:

Original String: s = “Hello Mr.Bean”

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>>> len(s)                    >>> s.count('o')              >>> s + "!"

>>> s[6]                      >>> s.index('b')             >>> min(s)

>>> s[6:10]                   >>> 'a' in s                 >>> max(s)

>>> 'H' not in s              >>> "Hello".isalpha( )      >>>"Hello!".isalpha( )

>>> "1234".isdigit( )         >>> "1AB2".isdigit()        >>> "Hello".isupper()

>>> "he".islower()            >>> "HELLO".lower()         >>> "hello".upper()

>>>"Hell".find('l')           >>> "Hell".find('g')        >>> "He".replace('H','t')

>>> "  Hello  ".strip(' ')    >>> "\nHello\n".strip('\n')

>>> "Shah, Rukh, Khan".split(',')

>>> l = [ "Subhash","Programming", "classes" ]
>>> str = "-".join(l)
>>> str

>>> sone = "Subhash is a programmer"
>>> print(sone[0].isupper())
>>> print(sone[7].isspace())

>>> s = "SuBhAsH"
>>> print(s.swapcase())

>>> sl = [ "Subhash", "Programming", "Classes" ]
>>> str = "+".join(sl)
>>> str
```

Programming Assignments:

1. WAP to separate username and domain from a giving email id.
2. WAP to remove the occurrences of letter 'e' from text of a file and rewrite the changed version to another file.
3. Assume a file contains list of names written one below the other. WAP to read the names and update the file by reversing the order of the names.
4. WAP to reverse the words in a string. **Example**: "Subhash Loves India" must become "India Loves Subhash".
5. WAP to eumulate inserting a sub-string into a particular position within another string.
6. WAP to count the number of characters and words in a string.
7. WAP to read strings from keyword and store those group of newline terminated strings in a file.
8. WAP to count number of lines, words and characters in a text file.
9. WAP to open a .jpeg file and copy its contents to another file.