WORKSHEET 2

PYTHON

1.B

2. D

3. C

4. A

5.C

6.C

7. A

8. B

9. B and D

10. A, C and D

11. List has mutable nature i.e., list can be changed or modified after its creation according to needs whereas tuple has immutable nature i.e., tuple can't be changed or modified after its creation. Also, you can't use a list as a key for a dictionary.

12. No , import re

x = ('I+Love+Python')

text = re.sub(r'\+',' ',text)

text

13. The ord() function in Python accepts a string of length 1 as an argument and returns the unicode code point representation of the passed argument. To check the type of any variabledata type, we can use the type() function. It will return the type of the mentioned variable datatype. Float data type is used to represent decimal point values. Complex numbers are used to represent imaginary values

15. n=int(input("Enter a number: "))

sum = n\*(n+1)/2

print("The sum of first n natural numbers is",sum1)