1. Answer the followings questions:
   1. ▪ You can change a data value in a tuple but not in a list. True or False? Explain your answer.
      1. True, Lists are mutable but tuples are not
   2. ▪ What is a comprehension list?
      1. List comprehension is an elegant way to define and create lists based on existing lists
   3. ▪ How do you specify a step amount in a tuple slice?
      1. Tup[x:y]
   4. ▪ What function creates a list from a tuple value?
      1. Zip()
   5. ▪ What index value retrieves the first value in a list?
      1. Index = 0
   6. ▪ What function do you use to remove a value from the middle of a list?
      1. Pop(list.len//2)
   7. ▪ What function do you use to add a new data value to the end of a list?
      1. Append()
2. Answer the followings questions:
   1. ▪ A dictionary key can have one or more values associated with it at the same time. True or False? Explain your answer.
      1. True, by adding the values as a list
   2. ▪ List three properties of a Dictionary key
      1. More than one entry per key is not allowed ( no duplicate key is allowed)
      2. The values in the dictionary can be of any type, while the keys must be immutable like numbers, tuples, or strings.
      3. Dictionary keys are case sensitive- Same key name but with the different cases are treated as different keys in Python dictionaries.
   3. ▪ A set’s elements are mutable and can be changed. True or False? Explain your answer.
      1. True, Sets are mutable
   4. ▪ Which set operation would you perform if you wanted a set that contains only member that are in two distinct sets?
      1. Intersection()