file1

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1) What will be the output of the following code snippet?
   Answer: c) 15

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2) numbers = (4, 7, 19, 2, 89, 45, 72, 22) sorted_numbers = sorted(numbers)
   even = lambda a: a % 2 == 0 even_numbers = filter(even,
   sorted_numbers) print(type(even_numbers))

   Answer: b) Filter

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3) As what datatype are the *args stored, when passed into

   Answer: a) Tuple

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4) set1 = {14, 3, 55} set2 = {82, 49, 62} set3={99,22,17}, print(len(set1 +
   set2 + set3))

   Answer: d) Error

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5) What keyword is used in Python to raise exceptions?
   Answer: a) raise

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6) Which of the following modules need to be imported to handle date time
   computations in Python?

   Answer: c) datetime

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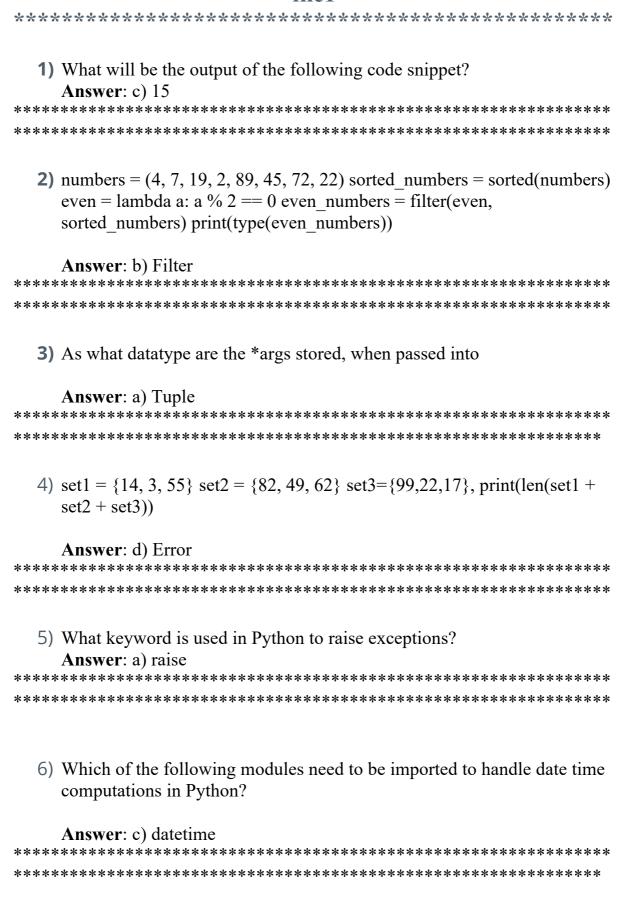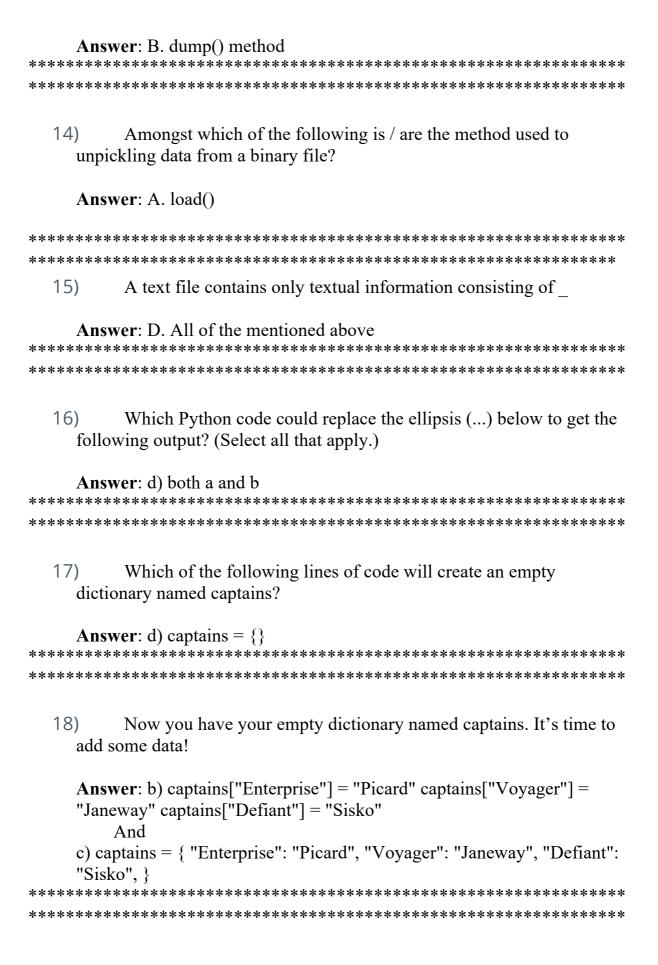
7) What will be the output of the following code snippet?
   print(4**3 + (7 + 5)**(1 + 1))

   Answer: c) 208
   ****
   ****

8) Which of the following functions converts date to corresponding time in Python?

   Answer: c) both a) and b)
   ****
   ****

9) The python tuple is _____ in nature.

   Answer: b)immutable
   ****
   ****

10)   The ___ is a built-in function that returns a range object that consists series of integer numbers, which we can iterate using a for loop.

   Answer: A. range()

   ****
   ****

11)   Amongst which of the following is a function which does not have any name?

   Answer: A. Del function
   ****
   ****

12)   The module Pickle is used to

   Answer: C. Both A and B
   ****
   ****

13)   Amongst which of the following is / are the method of convert Python objects for writing data in a binary file?

Answer: B. dump() method

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14)   Amongst which of the following is / are the method used to unpickling data from a binary file?

Answer: A. load()

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15)   A text file contains only textual information consisting of _

Answer: D. All of the mentioned above

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16)   Which Python code could replace the ellipsis (...) below to get the following output? (Select all that apply.)

Answer: d) both a and b

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17)   Which of the following lines of code will create an empty dictionary named captains?

Answer: d) captains = {}

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18)   Now you have your empty dictionary named captains. It's time to add some data!

Answer: b) captains["Enterprise"] = "Picard" captains["Voyager"] = "Janeway" captains["Defiant"] = "Sisko"
     And
c) captains = { "Enterprise": "Picard", "Voyager": "Janeway", "Defiant": "Sisko", }

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19) You're really building out the Federation Starfleet now! Here's what you have: captains = { "Enterprise": "Picard", "Voyager": "Janeway", "Defiant": "Sisko", "Discovery": "unknown", }Now, say you want to display the ship and captain names contained in the dictionary, but you also want to provide some additional context. How could you do it?

Answer: b) for ship, captain in captains.items(): print(f"The {ship} is captained by {captain}.")

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20) You've created a dictionary, added data, checked for the existence of keys, and iterated over it with a for loop. Now you're ready to delete a key from this dictionary: captains = { "Enterprise": "Picard", "Voyager": "Janeway", "Defiant": "Sisko", "Discovery": "unknown", } What statement will remove the entry for the key "Discovery"?

Answer: c) del captains["Discovery"]

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