

1. What will be the output of the following code snippet?

answer: 15 (75 modulus 30 is 15 (if you subtract $75-30=45$, $45-30=15$)

2. Filter (the type is filter because we changed the integer to filter type)
3. Tuple (arg only use for tuple to pass multiple arguments)
4. Error (Len function returns the length of string)
5. Raise (we use raise keyword to raise exception)
6. We use datetime to work with data objects, a date is not a data type of its own in python.
7. Answer: 208 ($4**3 = 64$, $7+5**(2) = 144$) = 208
8. (a) strptime()
9. Immutable
10. Range() is a built in function that returns a range object the consists series of integer numbers, which we can iterate using for a loop.
11. Lambda function- does not have any name.
12. The module Pickle is used in both serializing python object structure and de-serializing object structure so, answer is (c)
13. A. Dump() method converts python objects for writing data in a binary file
14. A. load() method used to unpickling data from a binary file
15. D. A text file contains only textual information consisting of all the mentioned like alphabets, numbers, special symbols.
16. (b) print(ship, captains[ship])
17. (d) captains={}
18. (c) option will create our dictionary
19. (C) will be the answer as a for loop to display ship and captain names in the dictionary.
20. (C) will be the option to delete "Discover" key.