

Answers:

1. c) 15
2. b) filter
3. a) tuple
4. d) error
5. d)except
6. c) datetime
7. c) 208
8. d) None
9. b) immutable
10. a) range()
11. c) Lambda function
12. c) Both a & b
13. b) dump()
14. a) load()
15. d) all the above
16. d) both a & b
17. d) captains = {}
18. b) captains["Enterprise"] = "Picard"
captains["Voyager"] = "Janeway"
captains["Defiant"] = "Sisko"
19. b) for ship, captain in captains.items():
print(f"The {ship} is captained by {captain}.")
20. c) del captains["Discovery"]