

MCQ

1. C) 15

Module Operator % has been used in the calculation. % gives the remainder.

$30*2 = 60$ or $30*3 = 90$ so, we pick 60. $75-60 \Rightarrow 15$

2. B) Filter

`numbers = (4, 7, 19, 2, 89, 45, 72, 22)` #here is the list

`sorted_numbers = sorted(numbers)` #we are sorting the list elements in ascending order

`even = lambda a: a % 2 == 0` #lambda function to find the even number

`even_numbers = filter(even, sorted_numbers)` # filter() – that tests if each element is true or not

`print(type(even_numbers))` #prints only the even numbers

3. A) Tuple

4. D) Error

5. A) Raise

6. C) Datetime

7. C) 208

8. B) Strftime

9. B) Immutable

10. A) Range()

11. B) Show function

12. A) Serializing Python object structure

13. B) dump() method

14. A) load()

15. D) All of the mentioned above

16. A) `for ship, captain in captains.items(): print(ship, captain)`

17. C) `captains.dict()`

18. c) `captains = { "Enterprise": "Picard", "Voyager": "Janeway", "Defiant": "Sisko", }`

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

20. c) `del captains["Enterprise"] print(captains)`