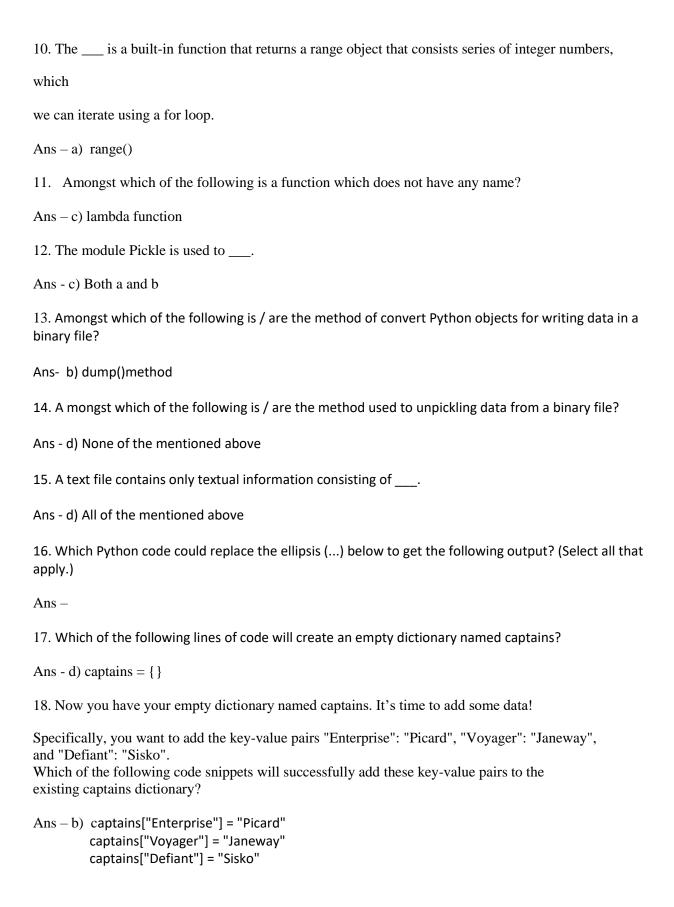
```
1 What will be the output of the following code snippet?
def func(a, b):
return b if a == 0 else func(b % a, a)
print(func(30, 75)
Ans- c) 15
2. numbers = (4, 7, 19, 2, 89, 45, 72, 22)
sorted_numbers = sorted(numbers)
even = lambda a: a \% 2 == 0
even_numbers = filter(even, sorted_numbers)
print(type(even_numbers))
Ans-b) filter
3. As what datatype are the *args stored, when passed into
Ans- a) Tuple
4. set1 = \{14, 3, 55\}
set2 = \{82, 49, 62\}
set3 = \{99, 22, 17\}
print(len(set1 + set2 + set3))
Ans - d) Error
5. What keyword is used in Python to raise exceptions?
Ans- a) raise
6. Which of the following modules need to be imported to handle date time computations in
Python?
Ans -c) datetime
7. What will be the output of the following code snippet?
   print(4**3 + (7 + 5)**(1 + 1))
Ans -c) 208
8. Which of the following functions converts date to corresponding time in Python?
Ans - b) strftime
9. The python tuple is _____ in nature.
Ans - b) immutable
```



```
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

Ans - )

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", }

Ans - c) del captains['Discovery']