1. **Differentiate between lists and tuples.**

**2. How would you convert a string into lowercase?**

**3. What is the pass statement in Python?**

**4. Explain help() and dir() functions in Python.**

**5. How do you get a list of all the keys in a dictionary?**

**6. What is slicing?**

**7. How will you check if all characters in a string are alphanumeric?**

**8. How will you capitalize the first letter of a string?**

**9. How do you insert an object at a given index in Python?**

**10. How does a function return values?**

**11. Why do we need break and continue in Python?**

**12. What is a dictionary in Python?**

**13. What do you know about relational operators in Python.**

**14. What are membership operators?**

**15. What is a docstring?**

**16. How would you convert a string into an int in Python?**

**17. What is a function?**

**18. What is recursion?**

**19. Explain Python List Comprehension.**

**20. How do you get all values from a Python dictionary?**