Data Structures, File Handling, & Real Startup Rounds

61. Binary search

62. Linear search

63. Selection sort

64. Bubble sort

65. Insertion sort

66. Count sort

67. Merge two sorted lists

68. Implement stack using list

69. Implement queue using list

70. Use heapq to get k largest elements

71. Read a file and count lines/words/characters

72. Write data into a file

73. Append data to a file

74. Search for a keyword in a file

75. Count frequency of each word in a file

76. Merge contents of two files

77. Sort lines in a file

78. Remove blank lines from a file

79. Rename and delete a file using os module

80. Create folders and files programmatically

81. CLI Resume builder (Input name, skills, etc.)

82. Design a folder structure manager

83. Mini task scheduler

84. Interview Q: How to handle null values in dataset?

85. Interview Q: What is Pythonic code?

86. Interview Q: Explain List vs Tuple

87. Interview Q: What happens when you use == vs is?

88. Interview Q: How do you manage memory in Python?

89. Interview Q: How to make your code faster?

90. Interview Q: Why do you want to join a startup?

91. Find the first repeating character in a string

92. Simulate an online order system using dict and list

93. Check if 2 strings are isomorphic

94. Build a basic version of Zomato cart (add/remove/display items)

95. Given a list of employee data, group them by department

96. Implement a custom sort by value, then by key

97. Design a simple calculator that handles undo/redo

98. Write code to generate one-time-passwords (OTPs)

99. Count how many users logged in more than twice

100. Mini Project: Build a Resume Parser from a given text