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File Edit Selection View Go Run Terminal Help
17 > from tarfile import TarFile
18 customtkinter.set_appearance_mode("System") # Modes: "System" (standard), "Dark", "Light"
19 customtkinter.set_default_color_theme("dark-blue") # Themes: "blue" (standard), "green", "dark-blue"
20
21 > class AboutPage:
22
23 > class Tooltip:
24
25 > class LinearSearchGUI(customtkinter.CTk):
26     def __init__(self):
27
28 > def tab_navigation(self, event):
29
30 > def apply_customization(self):
31
32 > def create_customization_button(self):
33
34 > def open_customization_window(self):
35
36 > def custom(self):
37
38 > def paste_from_clipboard(self, event=None):
39
40 > def reverse_tab_navigation(self, event):
41
42 > def sort_list(self, input_list):
43
44 > def play_success_sound(self):
45
46 > def play_fail_sound(self):
47
48 > def create_load_file_button(self):
49
50 > def validate_input(self, data_input, search_input):
51
52 > def load_file(self):
53
54 > def create_save_results_button(self):
55
56 > def save_results_to_file(self, filename):
57
58 > def save_results(self):
59
60 > def add_about_button(self):
61
62 > def show_about_page(self):
63
64 > def create_widgets(self):
65
66 > def create_clear_button(self):
67
68 > def clear_input_result(self):
69
70 > def create_exit_button(self):
71
72 > def create_show_table_button(self):
73
74 > def show_table_window(self):
75
76 > def display_title(self):
77
78 > def toggle_fullscreen(self, event):
79
80 > def create_data_input(self):
81
82 > def create_sorting_filter_widgets(self):
83
84 > def create_history_button(self):
85
86 > def create_data_type_selection(self):
87
88 > def create_input_label_entry(self):
89
90 > def create_progress_bar(self):
91
92 > def add_number(self, event):
93
94 > def create_pagination_controls(self):
95
96 > def update_pagination_controls(self):
97
98 > def show_previous_page(self):
99
100 > def show_next_page(self):
101
102 > def apply_sort_filter(self):
103
104 > def update_display(self, display_nums=None, highlighted_index=None, found_index=None, found=False):
105
106 > def update_progress_bar(self, current, total):
107
108 > def sidebar_frame(self):
109
110 > def create_search_history_dropdown(self):
111
112 > def add_search_history(self, search_result):
113
114 > def update_search_history_dropdown(self):
115
116 > def open_input_dialog_event(self):
117
118 > def copy_to_clipboard(self, event=None):
119
120 > def filter_list(self):
121
122 > def convert_to_data_type(self, value, data_type):
123
124 > def display_notification(self, message):
125
126 > def perform_linear_search(self, event=None):
127
128 > def display_additional_info(self, found_item, occurrences_count, frequency, prev_item, next_item):
129
130 > def create_help_button(self):
131
132 > def open_help_section(self):
133
134 > def perform_search_thread(self, numbers, target):
135
136 > def create_show_info_button(self):
137
138 > def create_result_label(self):
139
140 > def display_search_result(self, result):
141
142 > def update_history_display(self):
143
144 > def change_appearance_mode_event(self, new_appearance_mode: str):
145
146 > def change_scaling_event(self, new_scaling: str):
147
148 > def perform_search_from_history(self, event=None):
149
150 > def sidebar_button_event(self):
151
152 > def show_history(self):
153
154 > if __name__ == "__main__":
155     app = LinearSearchGUI()
156     app.mainloop()
```