**Code:**

import csv

# Function to search by name or ID

def search\_csv(file\_path, search\_value, search\_by):

    try:

        with open(file\_path, mode='r') as file:

            reader = csv.DictReader(file)

            for row in reader:

                if search\_by == 'id' and row.get('id') == search\_value:

                    return row

                elif search\_by == 'name' and (row.get('first\_name') == search\_value or row.get('last\_name') == search\_value):

                    return row

    except FileNotFoundError:

        print("Error: File not found.")

    except Exception as e:

        print(f"An error occurred: {e}")

    return None

# Replace with your CSV file path

file\_path = '/content/sample data-50.csv'

# User input for search

search\_value = input("Enter the name or id to search for: ")

search\_by = input("Search by (name/id): ").lower()

# Perform search

result = search\_csv(file\_path, search\_value, search\_by)

# Check if result is found

if result:

    print("Found matching entry.")

    # Display available fields

    fields = list(result.keys())

    print("Available fields: " + ", ".join(fields))

    # User input for fields to display

    selected\_fields = input("Enter the fields you want to display, separated by commas (e.g., id,name): ").strip().split(',')

    # Display selected fields

    print("\nSelected fields:")

    for field in selected\_fields:

        field = field.strip()  # Remove any leading or trailing whitespace

        if field in result:

            print(f"{field}: {result[field]}")

        else:

            print(f"{field}: Field not found in result.")

else:

    print("No matching entry found.")

**Sample working:**

