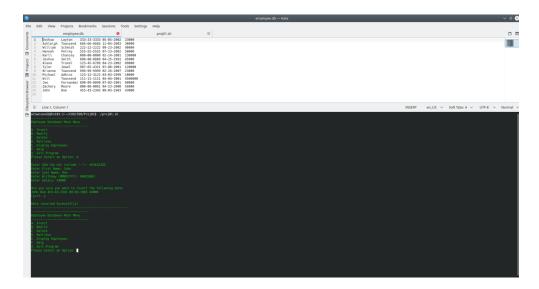
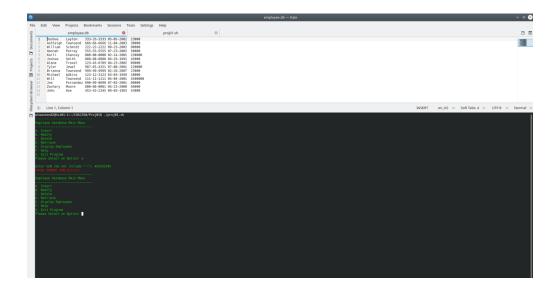
Project #1 Testing Outputs:

Insert

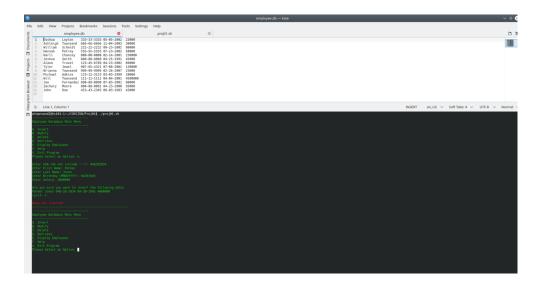
Test Conditions	Expected Output	Actual Output
SSN: 453-43-2345 (453432345) First Name: John Last Name: Doe DOB: 09-03-1983 (09031983) Salary: 43000 Insert?: y	Confirmation of the added information and its existence in employee.db	Confirmation of the added information and its existence in employee.db



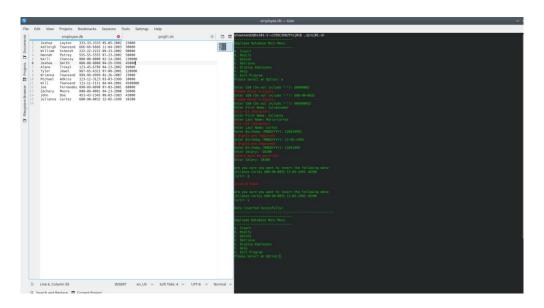
Test Conditions	Expected Output	Actual Output
SSN: 453-43-2345	An Error for	An Error for
(453432345)	duplicate SSN	duplicate SSN
First Name: N/A	and boot from	and boot from
Last Name: N/A	the function	the function
DOB: N/A		
Salary: N/A		
Insert?: N/A		



Test Conditions	Expected Output	Actual Output
SSN: 948-28-2034	Confirmation of	Confirmation of
(948282034)	the unadded	the unadded
First Name: Parker	information and	information and
Last Name: Jones	no existence of	no existence of
DOB: 04-20-1945	data in	data in
(04201945)	employee.db	employee.db
Salary: 4000000		
Insert?: n		

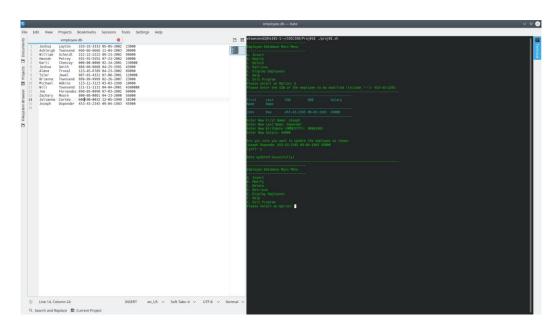


	1	1
Test Conditions	Expected Output	Actual Output
SSN: 600-90-003	An error for SSN,	An error for
(60090003) then	first and last	SSN, first and
(600900032)	name (char>10),	last name
First Name:	DOB, and Salary,	(char>10),
Juliannamar then	but moves on	DOB, and
Julianna	after valid input	Salary, but
Last Name: Maria-	and successfully	moves on
Cortez then Cortez	inserts	after valid
DOB: 12-05-19992		input and
(120519992) then		successfully
(12051999)		inserts
Salary: -10200 then		
10200		
Insert?: g then y		

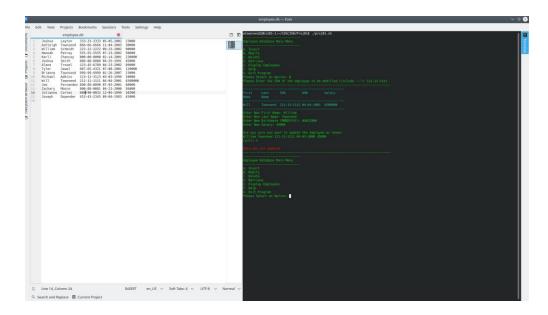


Modify

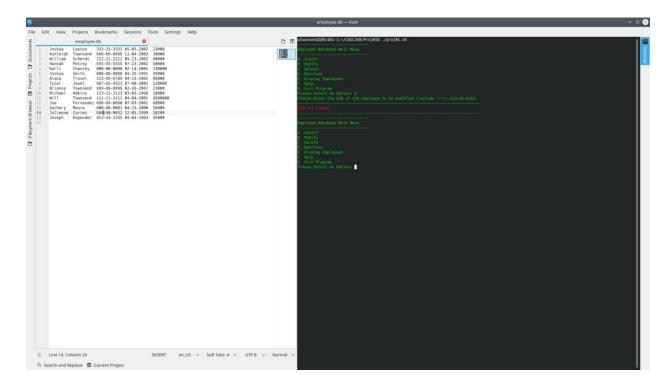
Test Conditions	Expected Output	Actual Output
SSN: 453-43-2345	Display	Display
New Last Name:	Employee data to	Employee data
Dopender	be updated, a	to be updated, a
New First Name:	confirmation	confirmation
Joseph	section, and the	section, and the
New DOB: 09041983	data successfully	data successfully
New Salary: 45000	being updated	being updated
Confirmation: y	into the file.	into the file.



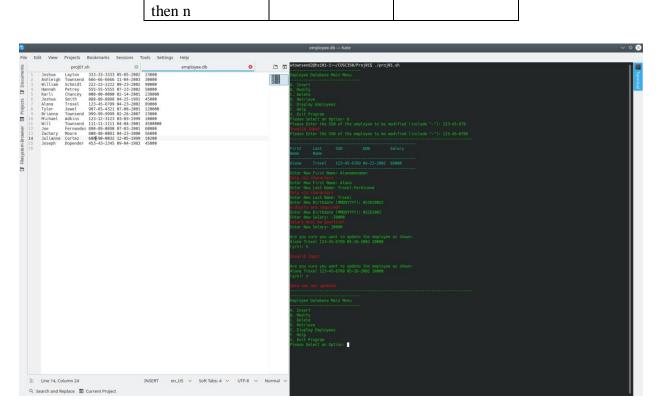
Test Conditions	Expected Output	Actual Output
SSN: 111-11-	Display	Display
1111	Employee data	Employee data
New Last Name:	to be updated, a	to be updated, a
William	confirmation	confirmation
New First Name:	text, and the data	text, and the data
Townsend	not being	not being
New DOB:	updated into the	updated into the
04032000	file.	file.
New Salary:		
45000		
Confirmation: n		



Test Conditions	Expected Output	Actual Output
SSN: 12-345-	Employee not	Employee not
6453	found and boot	found and boot
New Last Name:	out of function	out of function
N/A		
New First Name:		
N/A		
New DOB: N/A		
New Salary:		
N/A		
Confirmation:		
N/A		

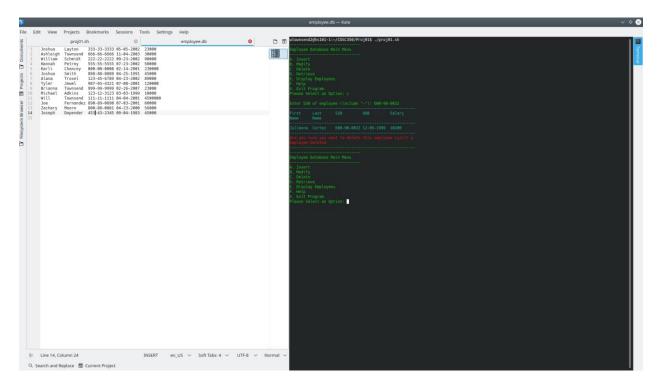


Test Conditions	Expected Output	Actual Output
SSN: 123-45-	Invalid Inputs	Invalid Inputs
678 (Invalid)	for all criteria	for all criteria
then 123-45-	but then moves	but then moves
6789	on as normal and	on as normal and
New Last Name:	does not update	does not update
Alanamanaman	_	_
(Invalid) Alana		
New First Name:		
Troxel-		
Ferdinand		
(Invalid) Troxel		
New DOB:		
052620022		
(Invalid)		
05262002		
New Salary:		
-20000 then		
20000		
Confirmation: h		
then n		

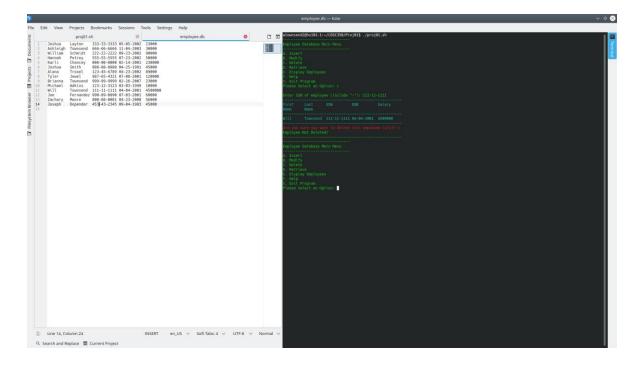


Delete

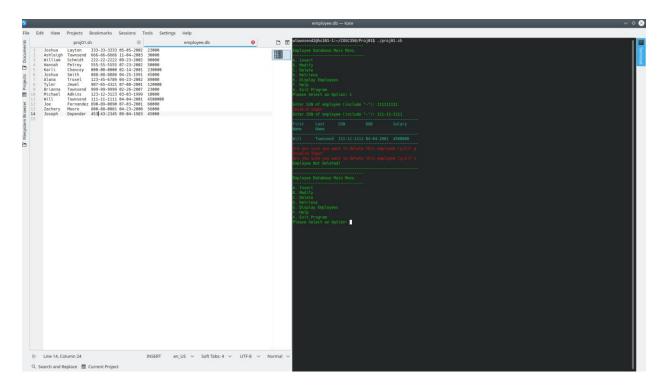
Test Conditions	Expected Output	Actual Output
SSN: 600-90-	Display	Display
0032	Employee,	Employee,
Confirmation: y	confirmation	confirmation
	text and input	text and input
	and the deletion	and the deletion
	of the employee	of the employee
	from the file	from the file



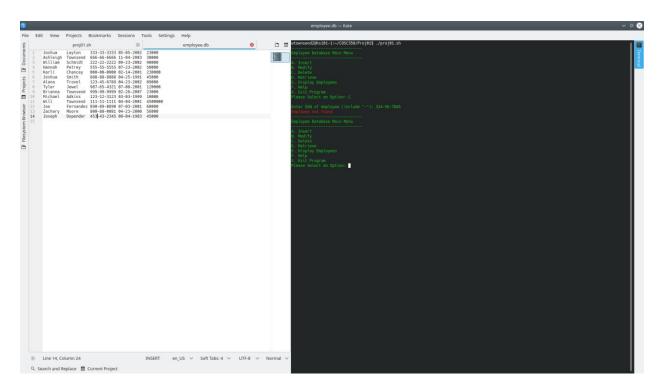
Test Conditions	Expected Output	Actual Output
SSN: 111-11-	Display	Display
1111	Employee,	Employee,
Confirmation: n	confirmation	confirmation
	text and input	text and input
	and the presence	and the presence
	of the employee	of the employee
	in the file	in the file



Test Conditions	Expected Output	Actual Output
SSN: 111111111	Invalid input	Invalid input
then 111-11-	then Display	then Display
1111	Employee,	Employee,
Confirmation: g	confirmation	confirmation
then n	text Invalid	text Invalid
	Input then the	Input then the
	presence of the	presence of the
	employee in the	employee in the
	file	file

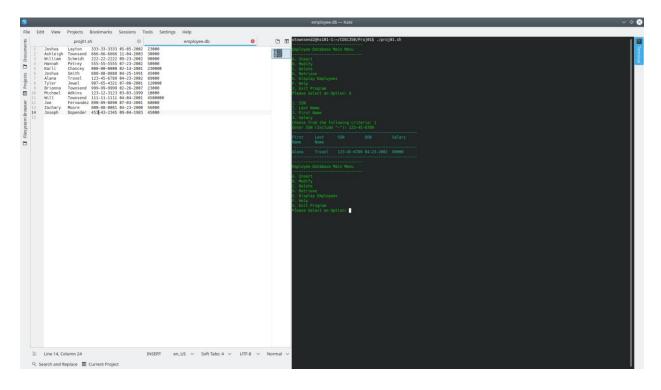


Test Conditions	Expected Output	Actual Output
SSN: 342-56-	SSN doesn't	SSN doesn't
7845	exist and a boot	exist and a boot
Confirmation:	from the	from the
N/A	function	function

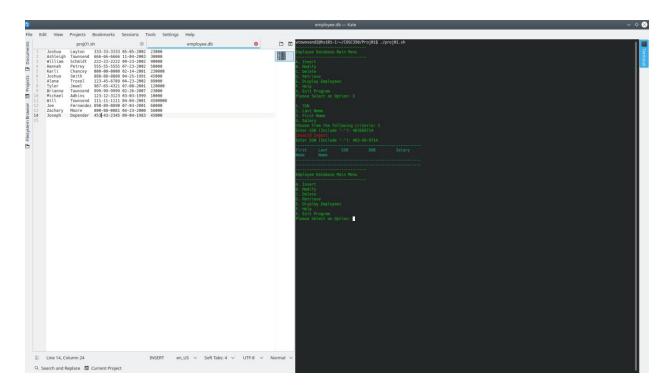


Retrieve

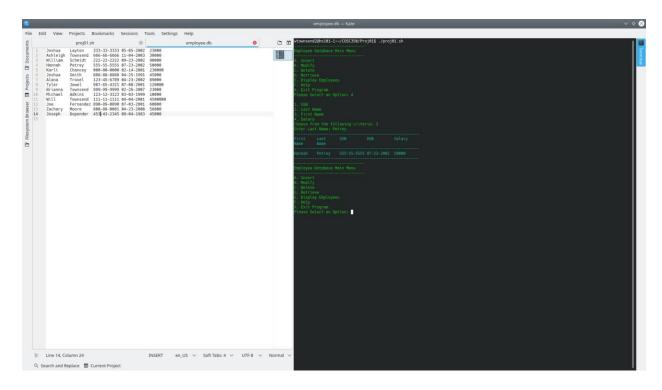
Test Conditions	Expected Output	Actual Output
Search by SSN:	Display the	Display the
123-45-6789	employee with	employee with
	the associated	the associated
	SSN	SSN



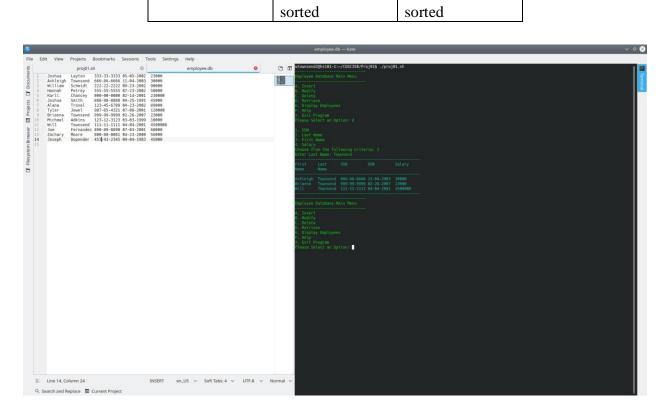
Test Conditions	Expected Output	Actual Output
Search by SSN:	Error then	Error then
463569714 then	displays nothing	displays nothing
463-56-9714		



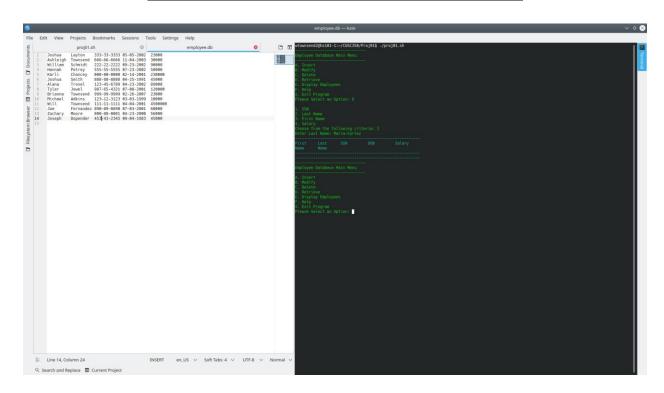
Test Conditions	Expected Output	Actual Output
Search by Last	Displays Hannah	Displays Hannah
Name: Petrey	Petrey only	Petrey only



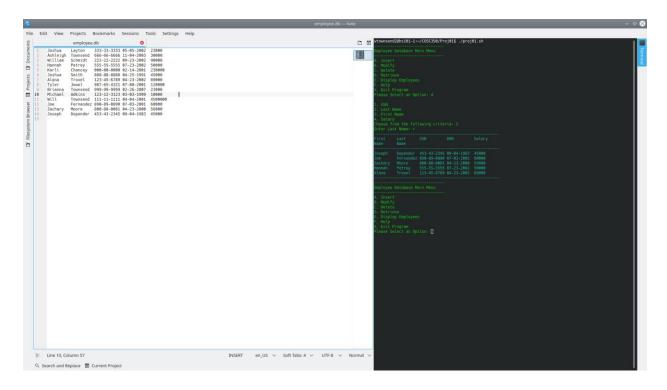
Test Conditions	Expected Output	Actual Output
Search by Last	Displays all	Displays all
Name:	Employees with	Employees with
Townsend	last name	last name
	Townsend and	Townsend and
	sorted	sorted



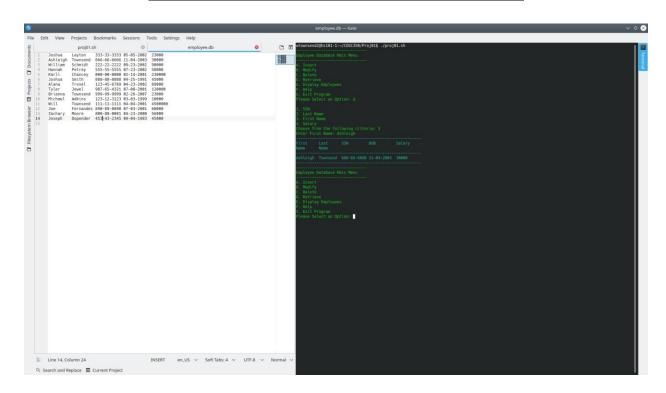
Test Conditions	Expected Output	Actual Output
Search by Last	Nothing	Nothing
Name:	Displays	Displays
Maria-Cortez		



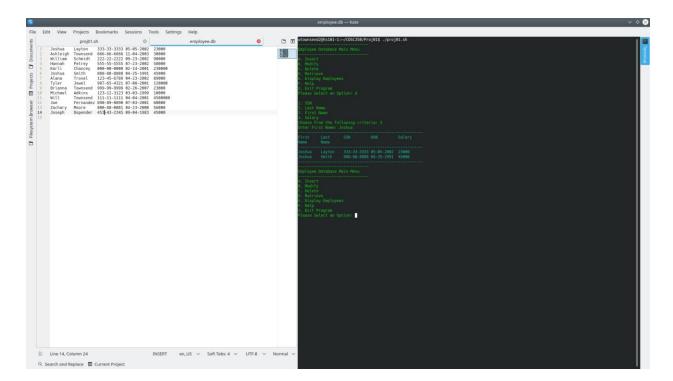
Test Conditions	Expected Output	Actual Output
Search by Last	Any employee	Any employee
Name: r	with a last name	with a last name
	containing 'r'	containing 'r'
	will display and	will display and
	sorted by last	sorted by last
	name	name



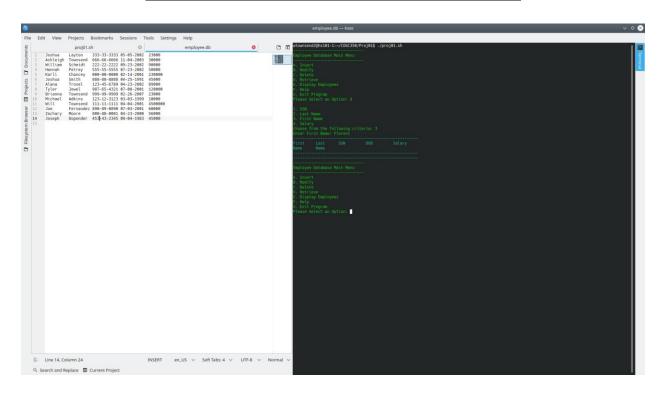
Test Conditions	Expected Output	Actual Output
Search by First	Displays	Displays
Name: Ashleigh	Ashleigh	Ashleigh
	Townsend only	Townsend only



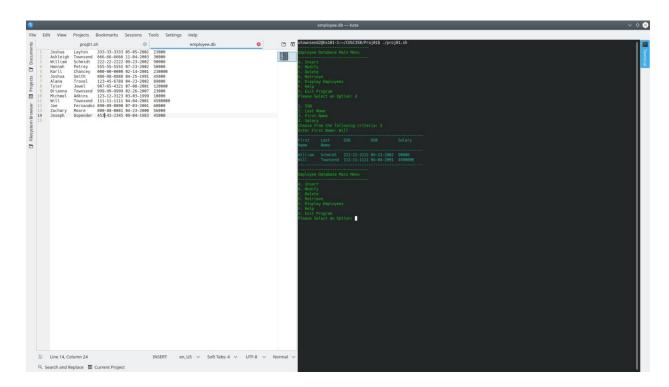
Test Conditions	Expected Output	Actual Output
Search by First	Displays all	Displays all
Name: Joshua	Employees with	Employees with
	first name	first name
	Joshua and	Joshua and
	sorted	sorted



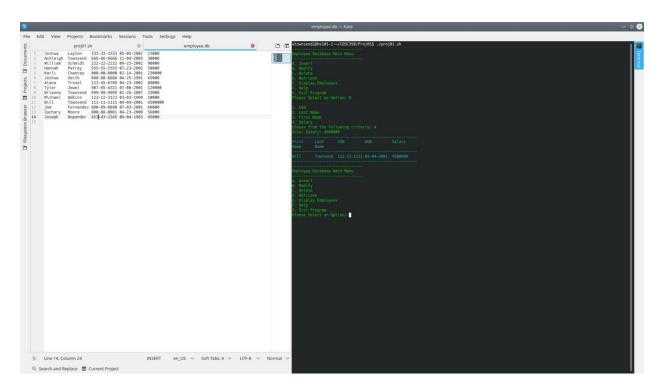
Test Conditions	Expected Output	Actual Output
Search by First	Nothing	Nothing
Name:	Displays	Displays
Florent		



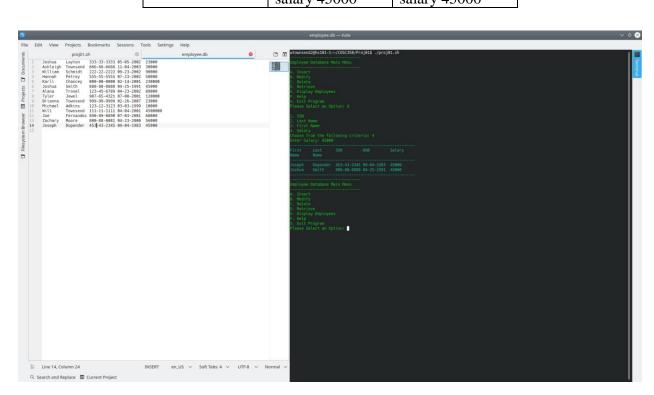
Test Conditions	Expected Output	Actual Output
Search by First	Any employee	Any employee
Name: Will	with a last name	with a last name
	containing	containing
	'Will' will	'Will' will
	display and be	display and be
	sorted by first	sorted by first
	name	name



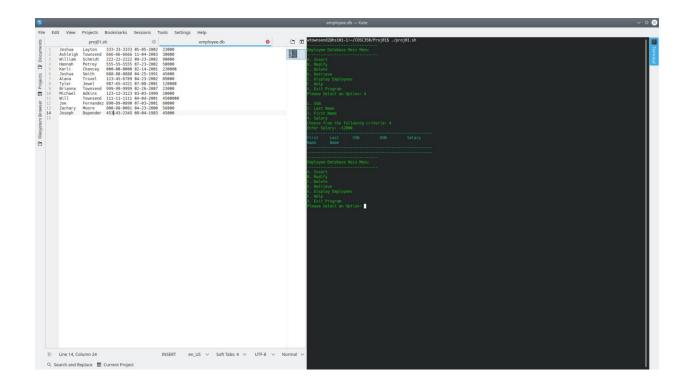
Test Conditions	Expected Output	Actual Output
Search by	Displays Will	Displays Will
Salary: 4500000	Townsend only	Townsend only



Test Conditions	Expected Output	Actual Output
Search by	Displays all	Displays all
Salary: 45000	Employees with	Employees with
	salary 45000	salary 45000

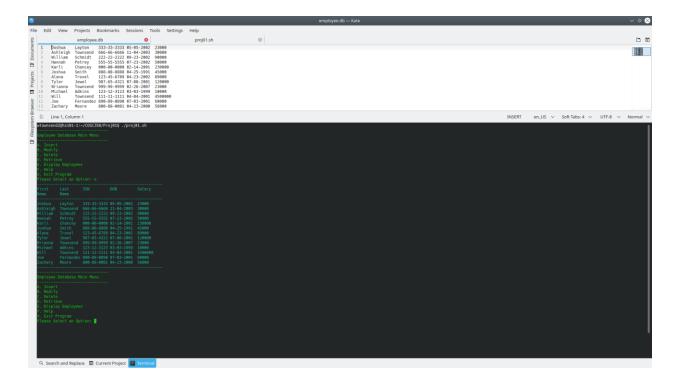


Test Conditions	Expected Output	Actual Output
Search by	Nothing	Nothing
Salary: -12000	Displays	Displays



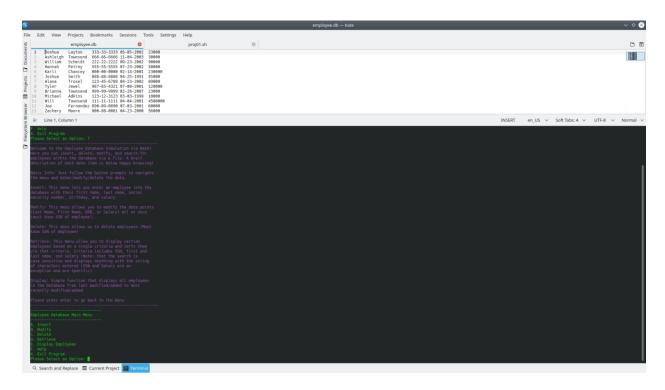
Display Employees

Test Conditions	Expected Output	Actual Output
e or E in the	All employees	All employees
main menu	and data in the	and data in the
	database/file	database/file



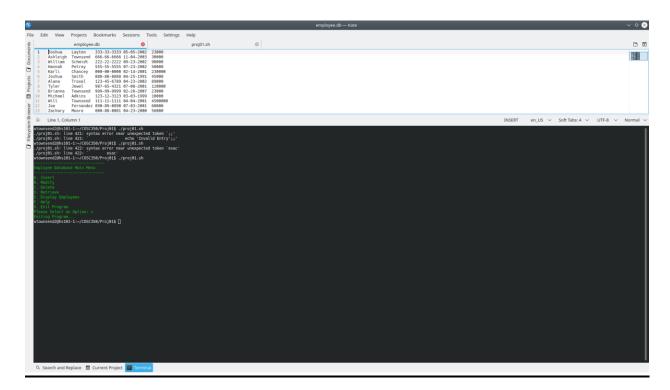
Help

Test Conditions	Expected Output	Actual Output
f or F in the	Information on	Information on
main menu	each function	each function



Exit

Test Conditions	Expected Output	Actual Output
x or X in the	Exiting	Exiting
main menu	Program	Program
	and closes the	and closes the
	program	program



All Menu Invalid Inputs

These screenshots are the testing of the "every other case" case. Particularly in the main menu and retrieve menu.

