

Welcome to GeoTI

By Joel Seligstein

Thank you for trying GeoTI!

This program was designed to teach you the states and capitals of the United States, along with their location and shape! Also, you can learn which states belong to which regions [according the US Census.]

The maps of regions, states, and the United States in this program are as accurate as I could make them for the 83 series. Please excuse any errors or disproportionate states. Also, note that the images used in this file are not in any order. They were taken during testing of the program, and some are not in succession.

I hope you learn from and enjoy using my program.
Thank you again for using GeoTI!

I would love to hear comments, suggestions, and questions! Please email me at Soccerk121@aol.com.

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Disclaimer

This program is © 2002 Joel Seligstein. It is labeled as freeware and may be distributed freely for no charge. This document and other files are not to be excluded from the .ZIP file.

This software is provided “AS IS.” This software is not guaranteed to be free from errors. In no way am I, Texas Instruments, or any affiliates of TI liable for any indirect, incidental or consequential damages, loss of profits, loss of use or data, or interruption of business, whether the alleged damages are labeled in tort, contract or indemnity.

By installing this Application on your calculator, you agree to the above terms.

About GeoTI

About the Author

Joel Seligstein is a 17 year old programmer who lives in Memphis, Tennessee. He is a senior at Ridgeway High School and actively participates in Business Professionals of America, newspaper staff, etc. He also is a member of two youth groups in the community.

Joel has been programming for the TI-83 series for over 5 years, including an app that can be found in the TI online store. He also programs VB, C++, HTML, PHP, etc.

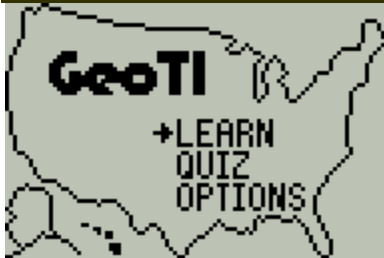
You can email Joel at Soccerk121@aol.com.

GeoTI Information

GeoTI was written during summer 2002 specifically for the 2nd Annual TI App Development contest. It uses one App space and a 26 byte AppVar.

GeoTI contains approximately 60,000 bytes of graphical and text data compressed into about 14,000 bytes of space.

Title Screen / Main Menu



Keys

Key	Action
Up & Down Arrows	Move selection arrow
Enter	Select option
Quit or Clear	Exit GeoTI

Learn

The Learn section will teach you about all of the states in the selected regions.

Quiz

The Quiz section will quiz you on all of the states' capitals in the selected regions.

Options

The Options menu will allow you to turn on and off any of the 9 regions in the country.

Learn

This section will teach you about all of the states in the selected regions.

Region Screen



In the top left corner, the region name is displayed. The current state will be filled in and its name will be in the bottom left corner.

Key	Action
Enter	Learn more about state
Graph	Skip and move on to next state
Quit or Clear	Return to main menu

State Screen



In the top left corner, the state name is displayed. The capital is marked with a bulls-eye and its name is in the bottom left corner.

Key	Action
Enter	Move on to next state
Quit	Return to main menu

Ending Screen



This screen congratulates you on practicing your states and capitals.

Press any key on the ending screen to return to the main menu.

Quiz

This section will quiz you on all of the states' capitals the selected regions.

Region Screen



In the top left corner, the region name is displayed. The current state will be filled in and its name will be in the bottom left corner.

Key	Action
Enter	View state screen
Quit or Clear	Exit to ending quiz screen

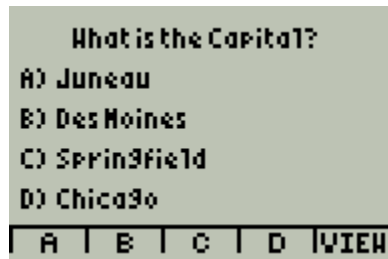
State Screen



In the top left corner, the state name is displayed. The capital is marked with a bulls-eye mark.

Key	Action
Enter	Move on to quiz
Quit	Exit to ending quiz screen

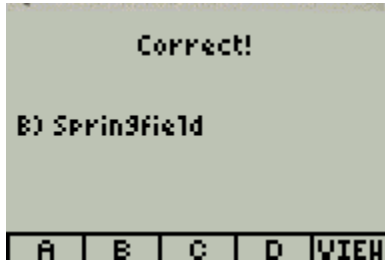
Quiz Screen



This screen asks you for the capitals. There are four choices: the correct answer, another major city in the current state, and two random capitals of different states. Select your choice

Key	Action
Y= through Trace	Select corresponding Answer
Graph	View the region and state screen
Quit	Exit to ending quiz screen

Answer Screen



This screen shows you the correct answer and whether you were right or wrong. Press any key to continue. When the last state has been quizzed on, you will be shown the ending quiz screen.

Ending Quiz Screen / Results



This screen congratulates your success on learning capitals.

Each correct answer earns you one point, and your total is displayed.

A high score is kept in the AppVar for GeoTI. It is also shown at this time.

When you are finished, press any key to return to the main menu.

Options



This screen will let you select which regions will be used in the Learn and Quiz selections. You can toggle each one to specifically learn any region.

Key	Action
Up & Down Arrows	Move Selection Arrow
Enter	Toggle selected region On/Off
Quit or Clear	Exit to main menu

Special Thanks

I would like to thank the following people for their help in some way on GeoTI [in no particular order]:

- Brandon Sterner
- Dan Englender
- The members of the TI-Calculator Programming Alliance
- The members of Detached Solutions
- Everyone that spends time in #tcpa on EfNet