

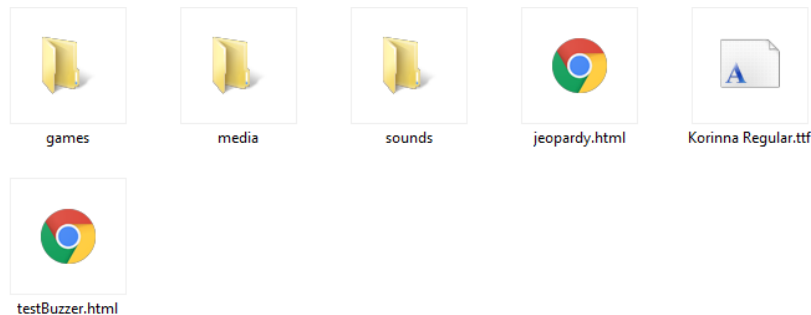
## Jeopardy README

Thanks for downloading my project! I built it using a couple of weekends of my own time, and my friends and I have gotten a solid amount of enjoyment out of it, and I hope you enjoy it too. This build allows you to pretty closely emulate a game of Jeopardy at home. The game plays in a web browser (Google Chrome recommended), but no internet connection is required.

You'll need:

- The contents of this zip file
- A computer (preferably a laptop with a second monitor, or a way to dual-screen to a TV)
- A TV or a second monitor (as mentioned above) with the ability to hook into your computer (I use an HDMI cable)
- A buzzer system (optional, you can build your buzzer system with the instructions here: <http://imgur.com/a/riJsr>). Alternatively, you can use your keyboard as the buzzers. Left arrow is player 1's buzzer, up arrow is player 2's buzzer, and right arrow is player 3's buzzer. The host controls the game with the down arrow. In this case, it may be best to hook up a USB keyboard to the computer, so the host and players can sit somewhat separately.
- You and up to 3 friends

### What's in the box

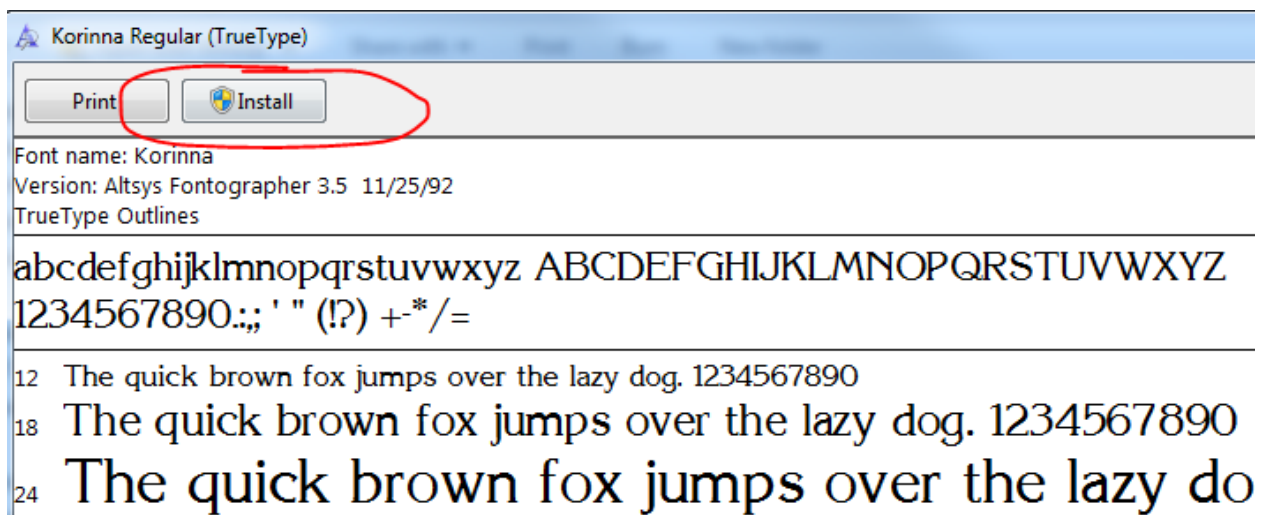


- Games – a series of text files (I created the .jpd file extension to be fancy, but really, they're text files) containing game information. Within this folder, there are two more folders:
  - Full games – any full games I could pull from the j-archive website. These are games which were fully played (i.e. all clues were revealed) and had no video or audio clues (can't really save all of those into this folder, anyway).

- Mix – games composed to a mix of categories from multiple real games. Fully-played categories from games that weren't fully played are stitched together into full games in these files.

You can create your own games by opening a game file and seeing the format. They're just text files, so it's quite simple.

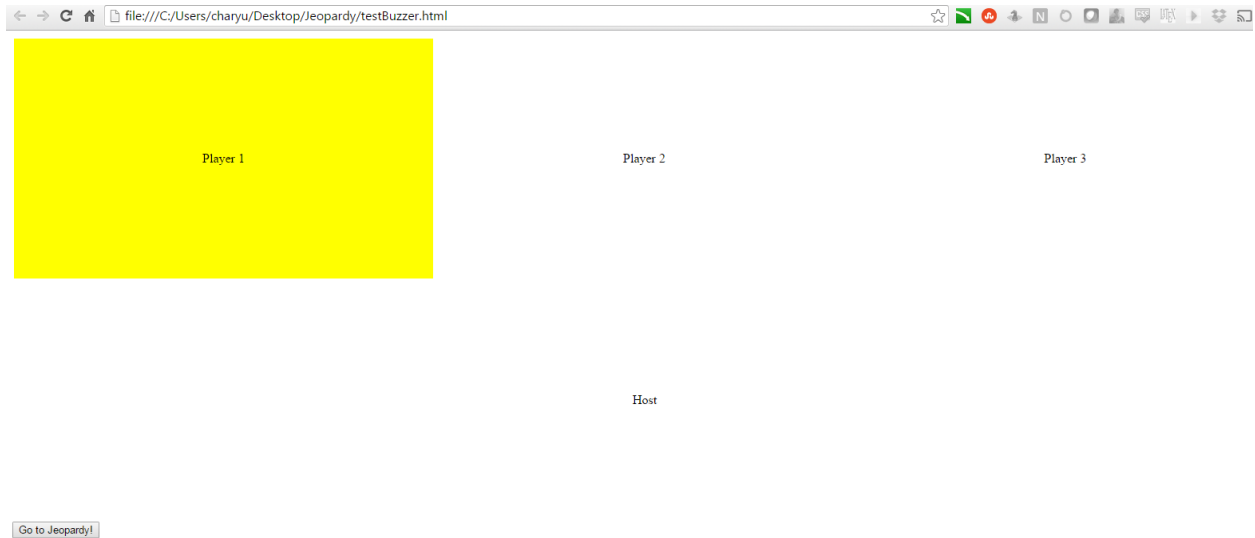
- Media/Sounds – don't mess with these folders. Alright, fine...you can...but I'm not responsible if you do. They contain the sound and picture files necessary for the game. The media folder just contains the daily double graphic, but in future updates, I might add more stuff if warranted.
- Korinna TTF – THIS IS THE FONT IN WHICH THE JEOPARDY CLUES ARE DISPLAYED. You should be able to just open this file and click "Install," and it should install the font on your system:



Now for the good stuff. Hook up your computer to your TV or second monitor, however you do it. Verify that your desktop is extended across the two screens. If you've downloaded this game, you probably know how to this, and if not, just google it. When that's done, the "host" should move his or her screen so that the players cannot see it, and the players should sit in a place where they can see the TV (or second monitor) but not the host's screen.

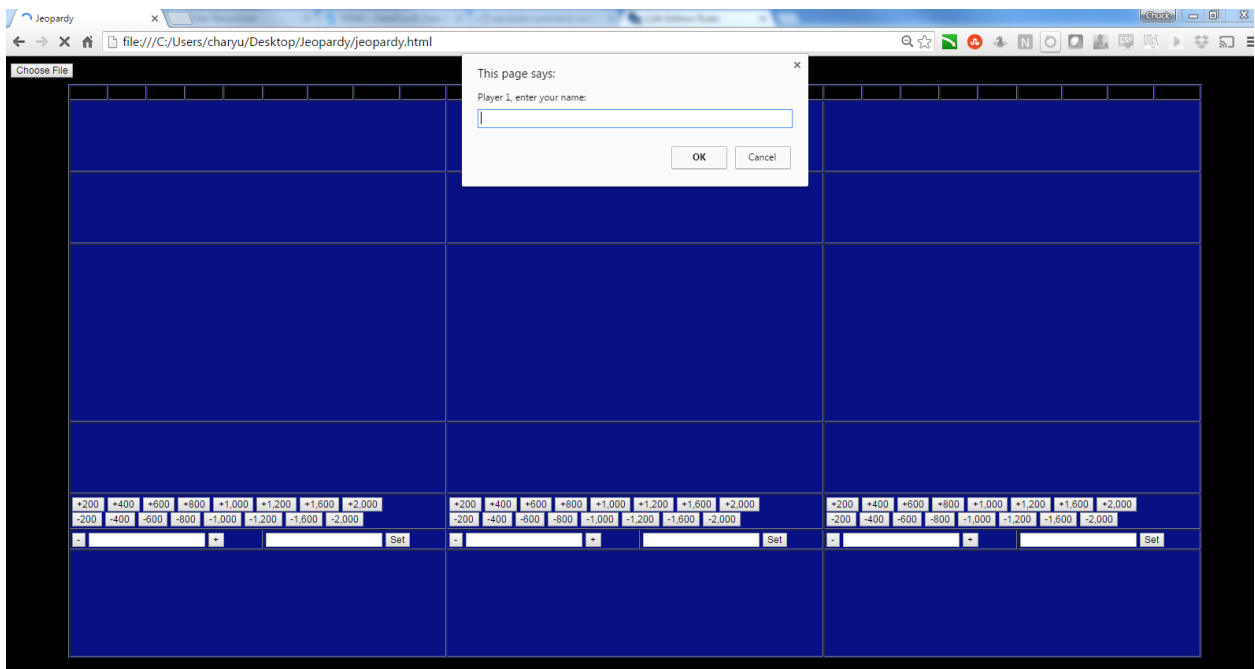
## Playing the Game

You can jump right in and open up jeopardy.html (Google Chrome recommended) if you wish. However, I also included testBuzzer.html so that you can (what else?) test your buzzers. Open that file, and have each player (and the host) press their buzzer. The corresponding cell on the page should light up.



## DISABLE YOUR POP UP BLOCKER!

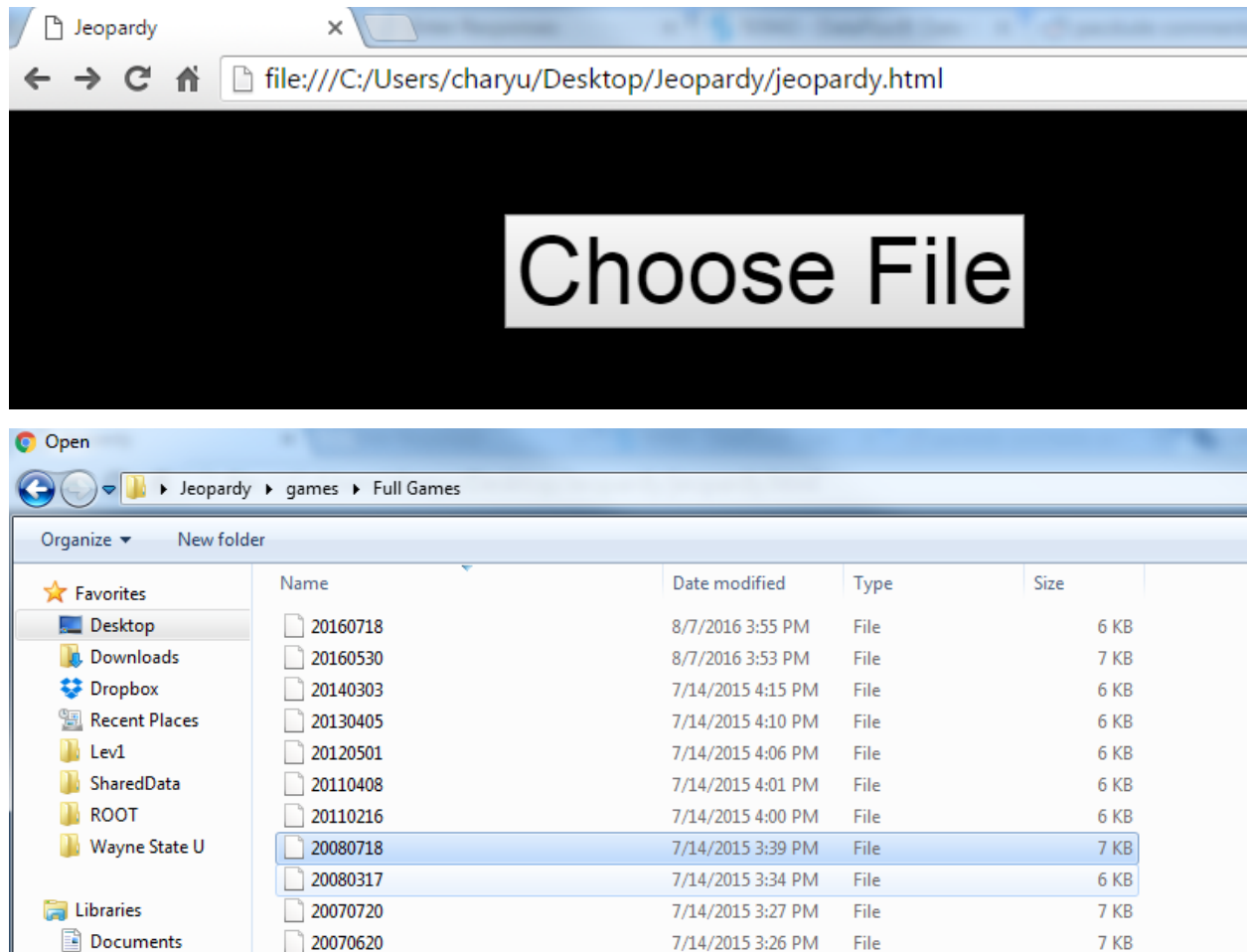
When you're ready, click the "Go to Jeopardy!" button at the bottom. You should be taken to the game.



Enter your player names as prompted. If you are playing with only one or two players, enter a space as the name for the non-existent player. You must enter at least one non-blank name.

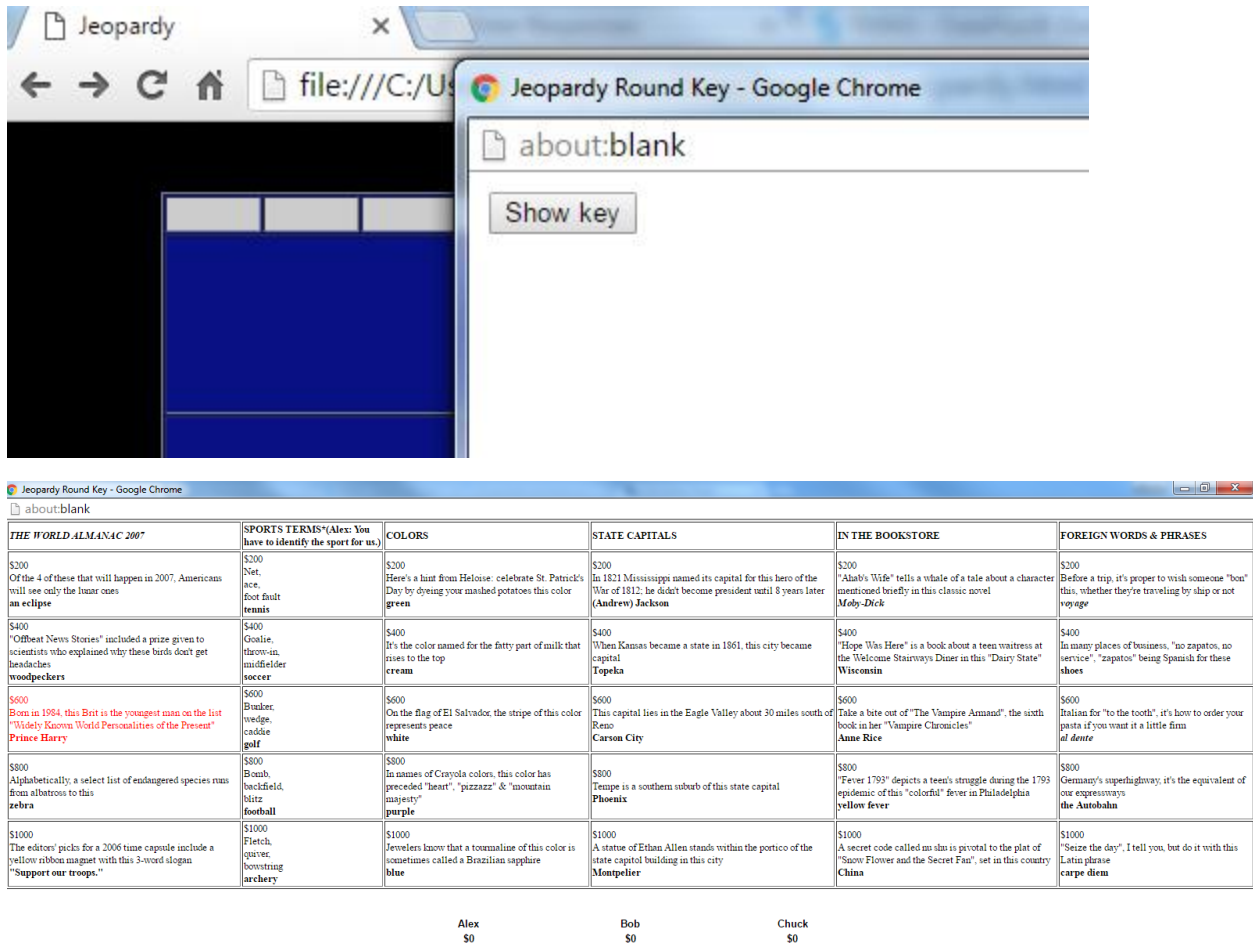
## Choosing a game file

After entering player names, you should be taken to a screen with a button that says “Choose File.” Click it and navigate to the where you saved this file, and select the “games” folder.



Double click on a game, or select a game and click “open.”

A new window should pop up, mostly blank, except for a “Show key” button. This displays the answer key. Move the key window to the host’s screen, and click the button. You should be able to see the first round’s key.



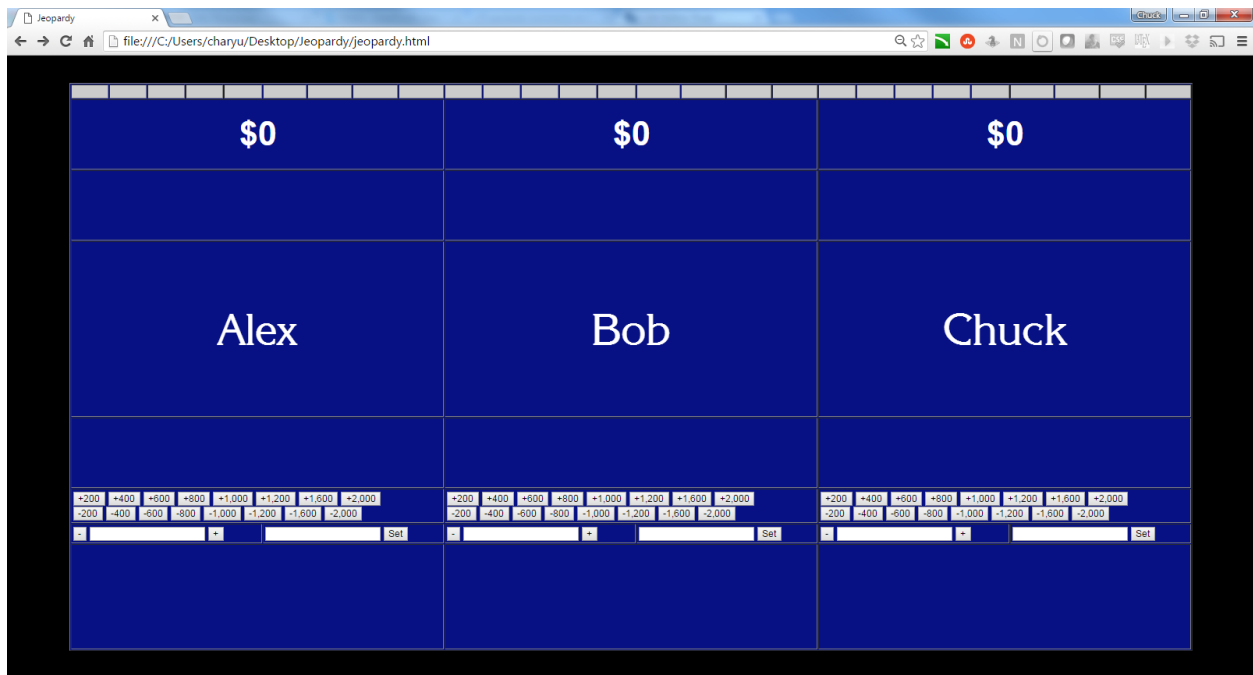
The screenshot shows a Jeopardy! game interface. A window titled "Jeopardy Round Key - Google Chrome" is open, displaying a "Show key" button. Below the button is a table of clues and answers. The table is organized into columns for different categories: THE WORLD ALMANAC 2007, SPORTS TERMS (Alex: You have to identify the sport for us), COLORS, STATE CAPITALS, IN THE BOOKSTORE, and FOREIGN WORDS & PHRASES. Each row contains a clue, a value, and the correct answer in bold. The daily double is highlighted in red.

THE WORLD ALMANAC 2007	SPORTS TERMS (Alex: You have to identify the sport for us)	COLORS	STATE CAPITALS	IN THE BOOKSTORE	FOREIGN WORDS & PHRASES
\$200 Of the 4 of these that will happen in 2007, Americans will see only the lunar one: <b>an eclipse</b>	\$200 Net, ace, foot fruit <b>tennis</b>	\$200 Here's a hint from Heloise: celebrate St. Patrick's Day by dyeing your mashed potatoes this color <b>green</b>	\$200 In 1821 Mississippi named its capital for this hero of the War of 1812; he didn't become president until 8 years later <b>(Andrew) Jackson</b>	\$200 "Ahab's Wife" tells a whole of a tale about a character mentioned briefly in this classic novel <b>Moby-Dick</b>	\$200 Before a trip, it's proper to wish someone "bon" this, whether they're traveling by ship or not <b>voyage</b>
\$400 "Offbeat News Stories" included a prize given to scientists who explained why these birds don't get headaches <b>woodpeckers</b>	\$400 Goalie, throw-in, midfielder <b>soccer</b>	\$400 It's the color named for the fatty part of milk that rises to the top <b>cream</b>	\$400 When Kansas became a state in 1861, this city became capital <b>Topeka</b>	\$400 "Hope Was Here" is a book about a teen waitress at the Welcome Stairways Diner in this "Dairy State" <b>Wisconsin</b>	\$400 In many places of business, "no zapatos, no service," "zapatos" being Spanish for these <b>shoes</b>
\$600 Born in 1984, this Brit is the youngest man on the list <b>"Widely Known World Personalities of the Present" Prince Harry</b>	\$600 Breaker, wedge, caddie <b>golf</b>	\$600 On the flag of El Salvador, the stripe of this color represents peace <b>white</b>	\$600 This capital lies in the Eagle Valley about 30 miles south of Reno <b>Carson City</b>	\$600 Take a bite out of "The Vampire Armand", the sixth book in her "Vampire Chronicles" <b>Anne Rice</b>	\$600 Italian for "to the tooth", it's how to order your pasta if you want it a little firm <b>al dente</b>
\$800 Alphabetically, a select list of endangered species runs from albatross to this <b>zebra</b>	\$800 Bouib, backfield, blitz <b>football</b>	\$800 In names of Crayola colors, this color has preceded "beet", "pazzazz" & "mountain majesty" <b>purple</b>	\$800 Tempe is a southern suburb of this state capital <b>Phoenix</b>	\$800 "Fever 1793" depicts a teen's struggle during the 1793 epidemic of this "colorful" fever in Philadelphia <b>yellow fever</b>	\$800 Germany's superhighway; it's the equivalent of our expressways <b>the Autobahn</b>
\$1000 The editors' picks for a 2006 time capsule include a yellow ribbon magnet with this 3-word slogan <b>"Support our troops."</b>	\$1000 Fletch, quaver, howling <b>archery</b>	\$1000 Jewelers know that a tourmaline of this color is sometimes called a Brazilian sapphire <b>blue</b>	\$1000 A statue of Ethan Allen stands within the portico of the state capitol building in this city <b>Montpelier</b>	\$1000 A secret code called an shu is pivotal to the plot of "Snow Flower and the Secret Fan", set in this country <b>China</b>	\$1000 "Seize the day", I tell you, but do it with this Latin phrase <b>carpe diem</b>

Alex \$0      Bob \$0      Chuck \$0

Each category is listed at the top (along with anything that Alex said about it, which the host should relay to the players). The clues are listed below the categories, and the correct responses are in bold. The daily double is in red. Again, the players should never see this screen – only the host should be able to see it. If the key does not pop up, be sure that your popup blocker is disabled.

Moving back to the player screen, the lecterns should come into view, with the player names.



When ready, the host presses his button, and the game board comes into view.

<i>THE WORLD ALMANAC 2007</i>	SPORTS TERMS	COLORS	STATE CAPITALS	IN THE BOOKSTORE	FOREIGN WORDS & PHRASES
\$200	\$200	\$200	\$200	\$200	\$200
\$400	\$400	\$400	\$400	\$400	\$400
\$600	\$600	\$600	\$600	\$600	\$600
\$800	\$800	\$800	\$800	\$800	\$800
\$1000	\$1000	\$1000	\$1000	\$1000	\$1000

In general, the host button is used to advance screens during the game. On most screens that don't automatically advance, the host button will advance the screen.

Click on a clue to select it. As you mouse-over the clues, note that the host's answer key highlights the clue that is being hovered over. This way, the host can keep his or her eyes on his own screen and does not have to continuously look back and forth. **If the host key is accidentally closed for any reason, the host may reopen it at any time by pressing "K."**

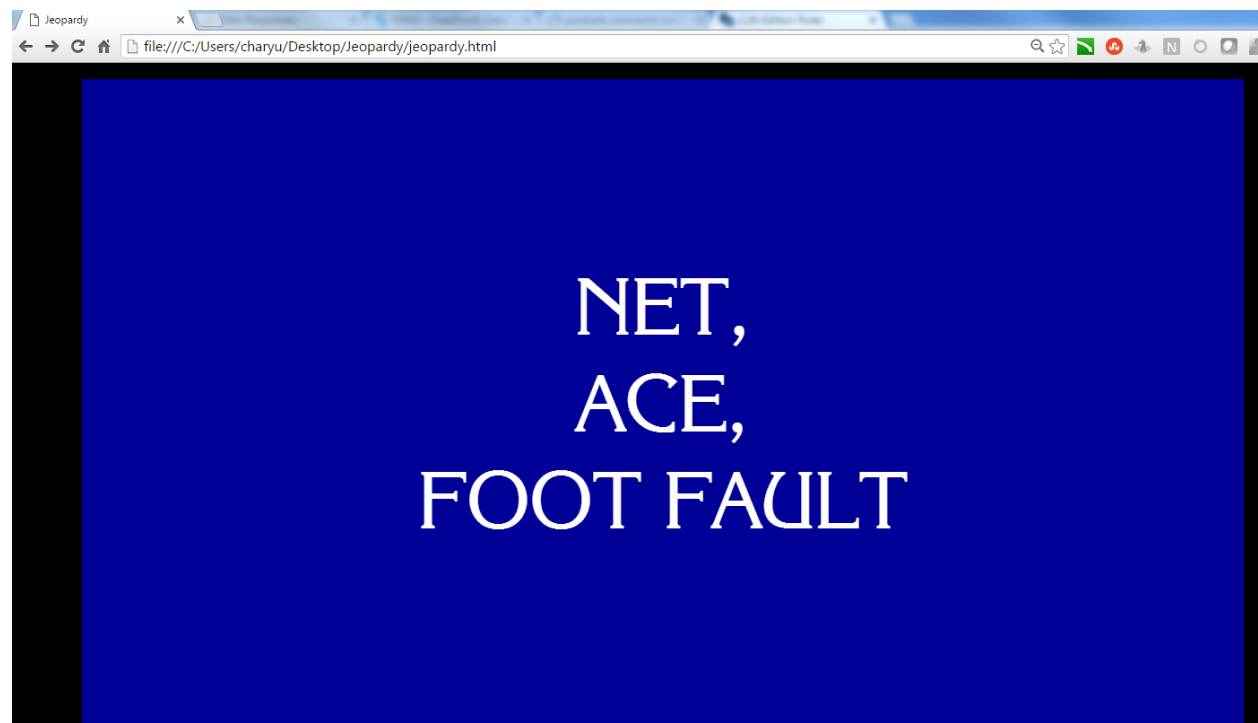
Jeopardy Round Key - Google Chrome

about:blank

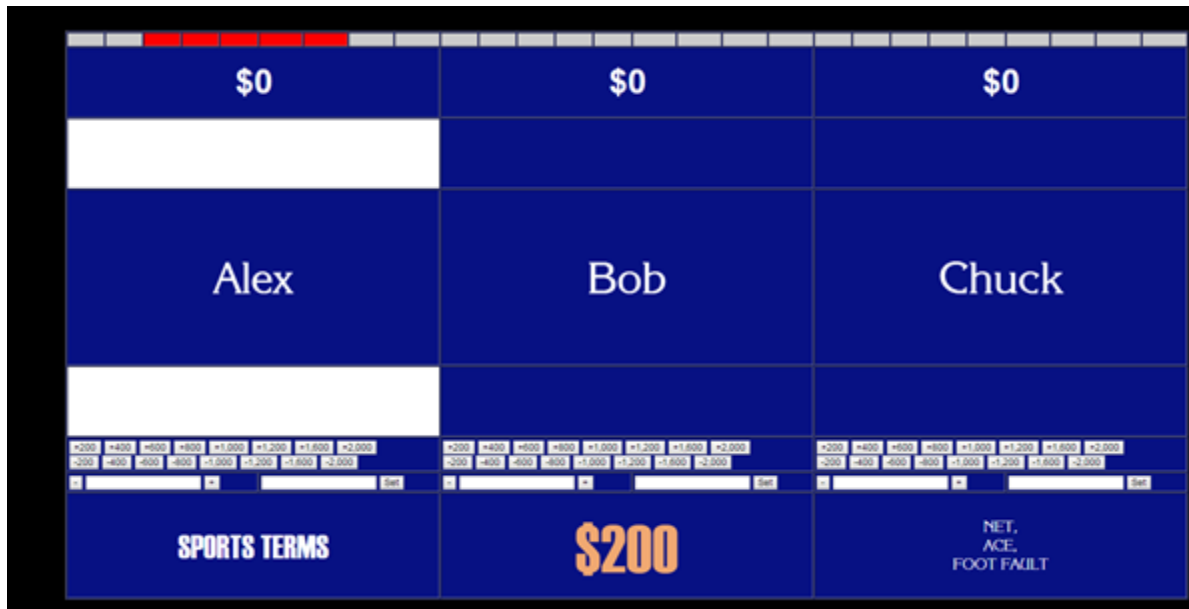
THE WORLD ALMANAC 2007	SPORTS TERMS*(Alex: You have to identify the sport for us.)	COLORS	STATE CAPITALS
\$200 Of the 4 of these that will happen in 2007, Americans will see only the lunar ones <b>an eclipse</b>	\$200 Net, ace, foot fault <b>tennis</b>	\$200 Here's a hint from Heloise: celebrate St. Patrick's Day by dyeing your mashed potatoes this color <b>green</b>	\$200 In 1821 Missis- sippi was the first to do it (Andrew) Jackson
\$400 "Offbeat News Stories" included a prize given to scientists who explained why these birds don't get headaches <b>woodpeckers</b>	\$400 Goalie, throw-in, midfielder <b>soccer</b>	\$400 It's the color named for the fatty part of milk that rises to the top <b>cream</b>	\$400 When Kansas 1 <b>Topeka</b>
\$600 Born in 1984, this Brit is the youngest man on the list "Widely Known World Personalities of the Present"	\$600 Bunker, wedge, <b>baseball</b>	\$600 On the flag of El Salvador, the stripe of this color represents peace <b>blue</b>	\$600 This capital lies in the heart of the state <b>Lincoln</b>

**You must click the clue on the main game window, not on the host key.**

The value of the clue will briefly flash on the main screen, and the clue will display. The host should read the clue and then **push the host button. No one can buzz in until the host button is pressed, signifying that "Alex Trebek" is done reading the clue.**



When the host key is pressed, the lecterns come back into view, and players may buzz in. Again, if you do not have the buzzer system, use the left, up, and right arrows, respectively, for player 1, 2, and 3 to buzz in.



If a player buzzes, in, their lectern lights up. If they buzz in before the host presses the button to activate the buzzers, then they are locked out for 1/3 of a second (editable in the source code, if you wish).

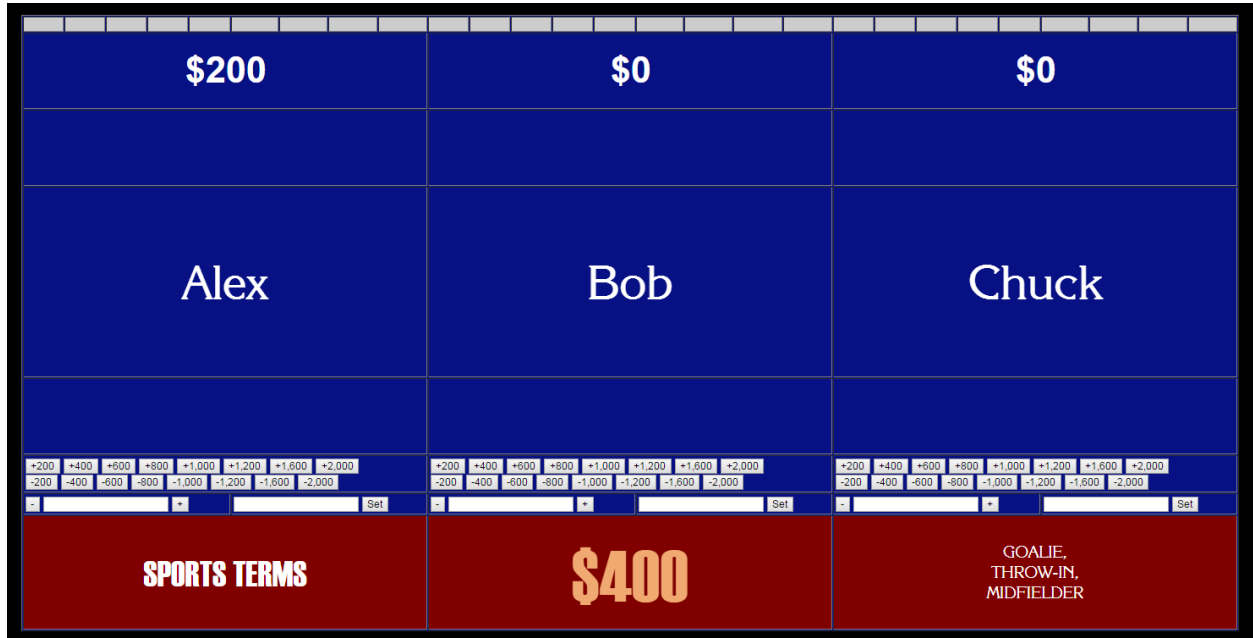
The host should call on the player. If the player is correct, the host presses “C” to indicate a correct response. Otherwise, the host should press “X” to indicate an incorrect response. Scores are adjusted accordingly. If the host makes any mistakes in scoring, the row of buttons and entry fields underneath the lecterns can adjust the scores manually. There are buttons to add or subtract any multiple of \$200 up to \$2000 at once. The left text entry field under each player is used to manually add or subtract any number of dollars, and the right text entry field under each player is used to manually set the score to a specific dollar amount.

If a correct response is given (and the host presses “C” to acknowledge it), the game will automatically advance back to the game board.

Note that on the key, clues that have been selected are highlighted in gray.



The default buzzer timeout is 4 seconds on a regular clue (and 10 seconds on a daily double). Both of these are easily editable in the source code. If no one buzzes in within the time limit, the timeout sound should play and the bottom row of the lecterns, with the category, value, and clue reminders, will turn red.



The host presses his button to advance to the game board.

When a daily double is found, the graphic should flash on the screen, followed by the category:



# STATE CAPITALS

Push the host button to advance. The lecterns display, with a reminder for the category, and the player who selected the clue verbally makes a wager. Remember that the official rules of Jeopardy say that the minimum wager is \$5, and the maximum wager is the larger of the player's current score, or \$1000 in round one and \$2000 in round 2.

[illegible]

When the player has made a wager, press the host button again. Read the clue and press the host button to start the timer. The screen will not change.

A STATUE OF ETHAN ALLEN  
STANDS WITHIN THE PORTICO  
OF THE STATE CAPITOL  
BUILDING IN THIS CITY

When time runs out, or when the host button is pressed again, the lecterns will display. Manually adjust the player's score. There is no automatic way to do this as of now, as the game does not know who selected each clue, so it does not know who selected the daily double.

[illegible]

When round one ends, a message will display, indicating the player who selects first in Double Jeopardy. Acknowledge it, and a new key will appear for Double Jeopardy. Move it over to the host window, as you did with the first key, and click “show key.”

SCIENCE	ANNUAL EVENTS	WAY BACK IN THE 1990s	FAMOUS CANADIANS	NOW WE'RE IN BUSINESS!	CROSSWORD CLUES "D"*(Alex: Each correct response will begin with that letter. I'll tell you how many letters in the word.)
\$400 The third law of thermodynamics implies that a system can never be brought to this temperature point <b>absolute zero</b>	\$400 The first one of these days was originally conceived as an environmental teach-in <b>Earth Day</b>	\$400 When the U.K.'s 99-year lease on this crown colony ended, China retook control on July 1, 1997 <b>Hong Kong</b>	\$400 In 1917 & 1918 Ontario's Billy Bishop claimed 72 aerial victories as an Ace in this war <b>World War I</b>	\$400 Eating at this fast-food chain twice daily helped Jared Fogle lose over 200 pounds <b>Subway</b>	\$400 10-sport olympic event (9) <b>the decathlon</b>
\$800 In 2006, Israeli scientists claimed to have created the "ball" type of this stormy phenomenon using a microwave oven <b>a lightning storm</b>	\$800 In 2007 Elvis Presley Birthday Week in Memphis included cake for all visitors to this mansion on January 9th <b>Graceland</b>	\$800 On Aug. 10, 1993 she was sworn in as the 107th Supreme Court Justice <b>Ginsburg</b>	\$800 Toronto-born journalist Morley Safer began hosting this Sunday TV news magazine way back in 1970 <b>60 Minutes</b>	\$800 In July 2004 this tech company said it would give back \$75 billion to its shareholders <b>Microsoft</b>	\$800 To consume quickly, like a good book (6) <b>to devour</b>
\$1200 This type of "cell" sounds like it causes disease, but it refers to a gamete, such as an egg cell <b>a germ cell</b>	\$1200 This Sunday before Easter celebrates Jesus' triumphant entry into Jerusalem <b>Palm Sunday</b>	\$1200 Partying like it was February of 1999, Hugo Chavez became President of this country <b>Venezuela</b>	\$1200 Nova Scotia's Samuel Cunard founded the famous Cunard line of these in 1838 <b>cruisers (or ships)</b>	\$1200 Give us your best "Gilbert Gottfried as a duck" impression & name this insurance co. headquartered in Columbus, Georgia <b>Aflac</b>	\$1200 Pious, or ardent (6) <b>devout</b>
\$1600 We went underground to learn that this unit is equal to about 6.022 x 10 <sup>23</sup> molecules of a given substance <b>a mole</b>	\$1600 Jerry Lewis has been hosting the Muscular Dystrophy Telethon on this holiday weekend since 1966 <b>Labor Day</b>	\$1600 On Jan. 1, 1993 2 new European nations were formed from the split of this suddenly ex-country <b>Czechoslovakia</b>	\$1600 James Gosling helped create this computer language that shares its name with a breakfast beverage <b>Java</b>	\$1600 Dash off a letter to this telecom giant's Overland Park, Kansas HQ where you can hear a pin drop <b>Sprint</b>	\$1600 Strauss' Beautiful Blue body of water (6) <b>the Danube</b>
\$2000 In 2007 Intel announced a new faster chip design replacing silicon with this element, symbol Hf <b>hafnium</b>	\$2000 By law, a term of the U.S. Supreme Court begins on the first Monday in this month <b>October</b>	\$2000 On Oct. 26, 1994 a peace treaty was signed between Israel & this country led by King Hussein I <b>Jordan</b>	\$2000 Co-discoverer of this pancreatic hormone, Oskar's Frederick Banting won a 1923 Nobel Prize <b>insulin</b>	\$2000 "We're going to race the truck. People love the truck", claimed this delivery company <b>UPS</b>	\$2000 Branch of medicine for the skin (11) <b>dermatology</b>

Final Jeopardy:  
17th CENTURY PEOPLE  
Rev. John Robinson, Minister to these people, wrote them a letter saying how upset he was not to be going with them  
**the Pilgrims**

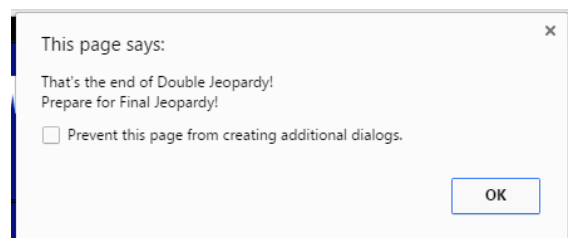
Alex  
\$200

Bob  
\$400

Chuck  
\$0

Note that there are now two daily doubles, and the Final Jeopardy information is also at the bottom.

When Final Jeopardy comes up, an alert will pop up.



Acknowledge it and the Final Jeopardy category will display on the screen. Press the host button to advance.







## Appendix A: General Controls

Here is a quick reference on how to control the game, mostly for the host. Below is a list of game states and their descriptions, as well as the controls during those game situations.

1. Any view
  - K - open host key if it is not already open
2. Lectern view, waiting on player response. Buzzers are active. This is the only game state where buzzers are active and players may buzz in. Player buzzers are the only available inputs here, sends the game to state 3.
3. Lectern view, player has buzzed in.
  - C – player gave a correct response, clue value is added to player’s score. Automatically advances to state 4.
  - X – player gave an incorrect response, clue value is deducted from player’s score. Reverts to state 2, allowing other players to buzz in.
    - Note: If a player’s time runs out, other players are immediately eligible to buzz in, but the score is not automatically deducted. If this occurs, you may have to manually adjust the scores at the next opportunity after the clue due to the timing of when buttons are pressed.
4. Board view – view of the board with all remaining categories and clues
  - Click on a clue to select it, advancing to state 5.
5. Clue view – view of the clue value and text. The host reads the clue.
  - Host button – view lecterns and active buzzers. Be sure to finish reading the clue before doing this, so that the players cannot buzz in before the clue is completely read. Reverts to state 2, allowing players to buzz in.
6. Daily Double Screen View – a view of the Daily Double graphic. This screen advances automatically to state 7.
7. Daily Double category view – a view of the Daily Double category
  - Host button – view lecterns to allow player to wager. Goes to state 8.
8. Daily Double clue view – Daily Double clue text. The host reads the clue.
  - Host button – start the timer on the daily double. Default timer is 10 seconds, but can be adjusted in the source code. Goes to state 9.
9. Daily Double clue active – Daily Double clue text. The host has read the clue and started the timer. Automatically goes to state 10 when the timer runs out or when the host button is pressed.
  - Host button – view lecterns to allow for score adjustments. Goes to state 10.
10. Daily Double Result View – pause after Daily Double. Host adjusts scores as necessary.
  - Host button – view board. Goes to state 4.
11. Final Jeopardy Category View 1 – First viewing of Final Jeopardy category.
  - Host button – view lecterns to allow users to write wagers.

12. Final Jeopardy Lectern View – players write wagers. Host waits until players are ready before advancing.
  - Host button – show category and clue, advances to state 13.
13. Final Jeopardy Category View 2 – flashes the category one more time. Automatically advances to state 14.
14. Final Jeopardy Clue View – host reads the final Jeopardy clue
  - Host button – start the 30-second timer, advance to state 15.
15. Final Jeopardy Clue Active – timer is running for Final Jeopardy clue. Automatically advances to state 16.
16. Final Result View – players reveal responses and wagers. Host adjusts final scores.



## Appendix B: places where you need to use the host button

Generally, if it looks like the game is stuck, you probably need to hit the host button. Here is a list of times when the host must press the button to continue.

1. **After reading a clue, to allow players to buzz**
2. After a triple-stumper clue (all players miss or clue times out). Take this opportunity to adjust scores if a mistake was made previously.
3. When the category for a daily double is displayed
4. When the player has wagered for the daily double
5. After reading the daily double clue
  - a. After reading the daily double clue, and pressing the button, the game will automatically advance to the lectern view if the timer runs out. If the player answers well before the timer runs out, you may press the host button to advance to the next screen.
6. After adjusting the scores following a daily double
7. After viewing the Final Jeopardy category
8. After players are finished wagering for Final Jeopardy
9. After reading the Final Jeopardy clue