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Final Project Proposal

CMSC 140: Intro to Python

IHRTLUHC

For our final project, we will be creating a “Wordle” game with three levels for users to choose from. An easy level with 8 tries, a medium level with 6 tries, and a hard level with 4 tries. We hope the computer will be able to generate a random word from a dictionary housed in the program, and the user will be provided with the letters contained in the word. After a guess, the computer should return the letters that were placed in the correct spot but will show a dash (-) for misplaced letters. Additionally, we want the computer to provide hints about the correct word to the user after each guess, perhaps in the form of a picture. We will likely be using the random package for this project, and a Wordle dictionary. The dictionary will either consist of a .txt file of five letter words written previously by Professor Gregg, or we may generate a list of eligible words for the computer to choose from. The biggest uncertainty we envision is embedding the images into the game. With a large list of words, it could be difficult to get the proper images matched with the correct words, which will challenge us while building the game.

VIEW WORDLE LIST PREVIEW ON NEXT PAGE!

A Preview of the first page of the Wordle list from Professor Gregg can be viewed [here](#):

abaci aback abaft abase abash abate abbey abbot abeam abets abhor abide
abler abode abort about above abuse abuts abuzz abyss ached aches achoo
acids acing acnes acorn acres acrid acted actor acute adage adapt added adder
addle adept adieu adman admen admit adobe adopt adore adorn adult adzes
aegis aeons aerie affix afire afoot afoul after again agape agate agave agent agile
aging agism aglow agony agree ahead aided aides ailed aimed aired aisle alarm
album alder alert algae alias alibi alien align alike aline alive allay alley allot
allow alloy aloes aloft aloha alone along aloof aloud alpha altar alter altho altos
alums amass amaze amber amble ameba ameer amend amigo amino amirs amiss
amity among amour ample amply ampul amuck amuse angel anger angle angry
angst anime anion anise ankhs ankle annex annoy annul anode anons anted
antes antic antis anvil aorta apace apart aphid aping appal apple apply apron
apses apter aptly aquae aquas arbor arced ardor areas arena argon argot argue
arias arise armed armor aroma arose array arrow arson artsy ascot ashed ashen
ashes aside asked askew aspen aspic assay asses asset aster astir atlas atoll atoms
atone atria attar attic audio audit auger aught augur aunts aurae aural auras
autos avail avast avers avert avian avoid avows await awake award aware awash
awful awing awoke axial axing axiom axles axons azure baaed babel babes backs
bacon badge badly bagel baggy bails baits baize baked baker bakes balds baled
bales balks balky balls balms balmy balsa banal bands bandy banes bangs banjo
banks banns barbs bards bared barer bares barfs barge barks barns baron basal
based baser bases basic basil basin basisasks bassi basso baste batch bated
bates bathe baths batik baton batty bauds bawdy bawls bayed bayou beach
beads beady beaks beams beans beard bears beast beats beaus beaux bebop
becks beech beefs beefy beeps beers beets befit befog began begat beget begin
begot begun beige being belay belch belie belle bells belly below belts bench
bends bents beret bergs berms berry berth beryl beset besom besot bests betas
bevel bible bicep biddy bided bides bidet biers bight bigot biked biker bikes bilge
bilks bills billy bimbo binds binge bingo biped birch birds birth bison bitch bites
blabs black blade blame bland blank blare blast blaze bleak bleat bleed bleep
blend blent bless blest blimp blind bling blink blips bliss blitz bloat blobs block
blobs blogs blond blood bloom blots blown blows blued bluer blues bluff blunt
blurb blurs blurt blush board boars boast boats bobby boded bodes bogey boggy
bogie bogus boils bolas boles bolls bolts bombs bonds boned boner bones boney
bongo bongs bonny bonus boobs booby booed books booms boons boors boost
booth boots booty booze boozy borax bored borer bores borne boron bosom
bossy bosun botch bough bound bouts bowed bowel bower bowls boxed boxer
boxes bozos brace bract brads brags braid brain brake brand brash brass brats
brave bravo brawl brawn brays bread break breed brews briar bribe brick bride
brief brier brigs brims brine bring brink briny brisk broad broil broke brood
brook broom broth brown brows bruin brunt brush brusk brute bucks buddy
budge buffs buggy bugle build built bulbs bulge bulgy bulks bulky bulls bully
bumps bumpy bunch bungs bunks bunny bunts buoys burgs burka burly burns
burnt burps burro burrs burst busby bused buses bushy busts butch butte butts
buxom buyer bylaw bytes byway cabal cabby cabin cable cacao cache cacti caddy
cadet cadge cadre caged cages cagey cairn caked cakes calfs calif calks calls calms