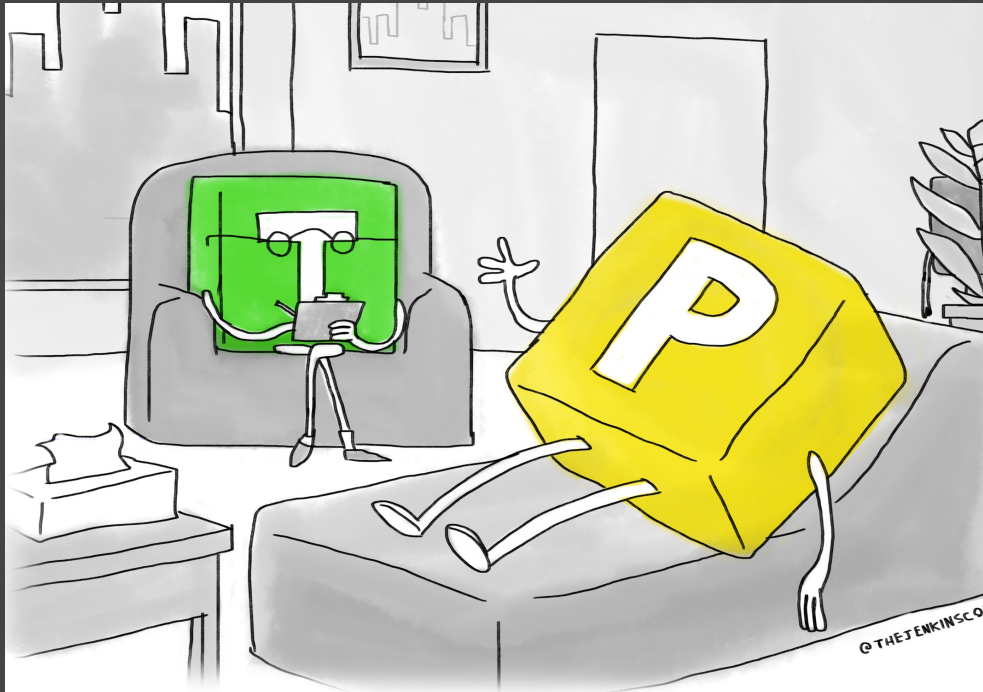


# APS106

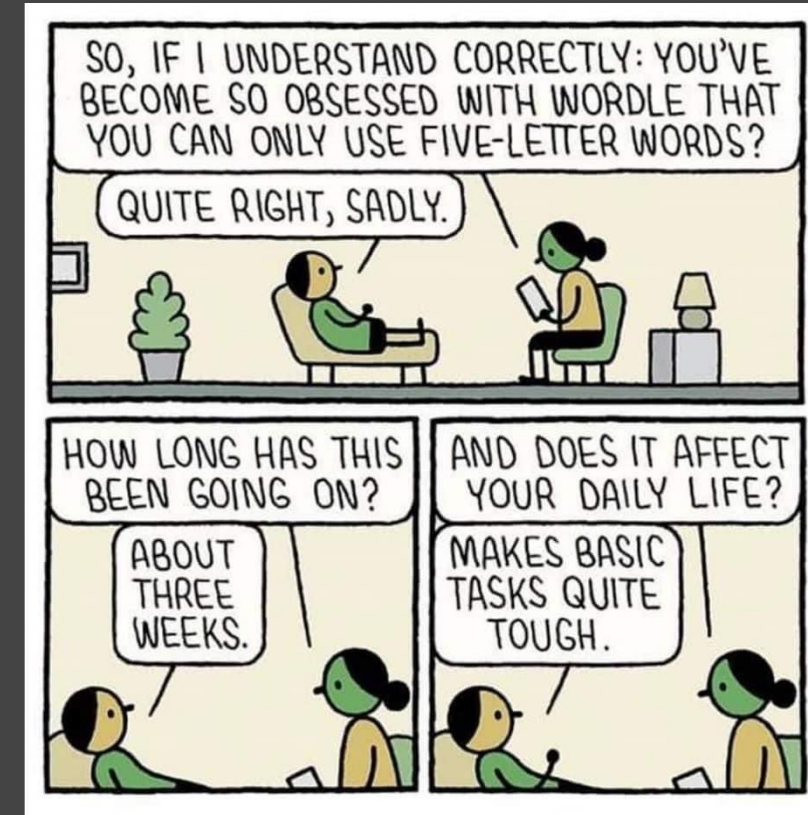
## Wordle!



UNIVERSITY OF  
TORONTO



*"I know I belong somewhere—I'm just not sure where that is."*



# Today's Content

- Feedback from grading TAs
- Common mistakes
- Marking scheme tips
- Final tips
- Hack Your Brain
- Wordle!

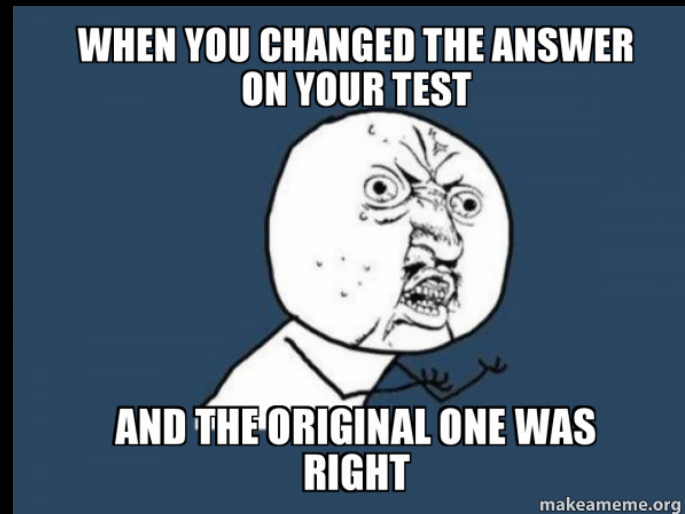


**STRESSING OVER  
CONTENT AND  
EXAMPLES**

**EXAM  
SUCCESS 101**

# Feedback from Graders – Trust your gut!

- Students ended up erasing/crossing out correct (or more correct) outputs when they revisited the question.
- “Let them know to trust their guts the first time around, a lot of the time their instincts are right, and it really sucks when I can't give them marks because they doubted themselves”



# Feedback from Graders – Syntax is important

- “I would say the best advice is to write your functions without syntax errors... they give bad impressions to graders”
- I know for some parts it's not easy to avoid syntax errors. However, it's hard to give many partial points when there are MANY trivial syntax errors:
  - Missing colons
  - Using = instead of ==
  - Indentations
  - Incorrect function calls
  - (i.e., `sleep(wait_sec)` instead of `time.sleep(wait_sec)`)



# Feedback from Graders – Keep it simple

- “I think students confused themselves by over-complicating the problem.”
- For Q3 (the ‘if’ statement problem), students used several loops that were not needed
- For Q5, you just needed to write the math equation inside a single while loop. Students over-complicated this in different ways, finding many complex ways to replicate the equation that was already given (ex: how to flip the negative sign for each term)

# Feedback from Graders – Read carefully

- Many students ignored the type contract within the docstring indicating the type of variable to return.
- Pay attention to all docstrings and the type contract
  - `(str) -> float`
  - `(str, bool) -> None`
  - `(ClassName) -> str`
  - `(ClassName, str) -> None`
  - `(dict of {int : list of str}) -> dict of {str : list of int}`



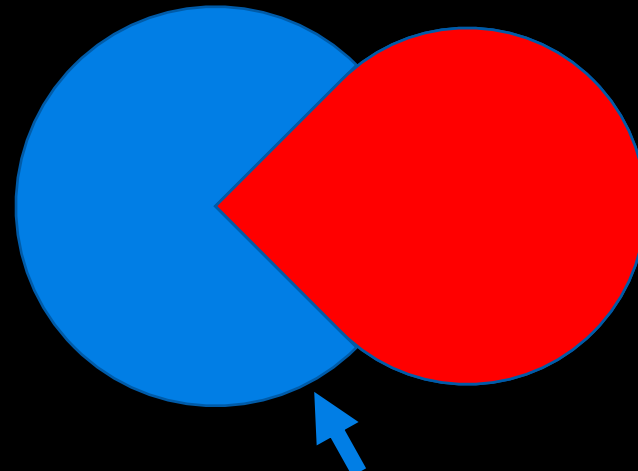
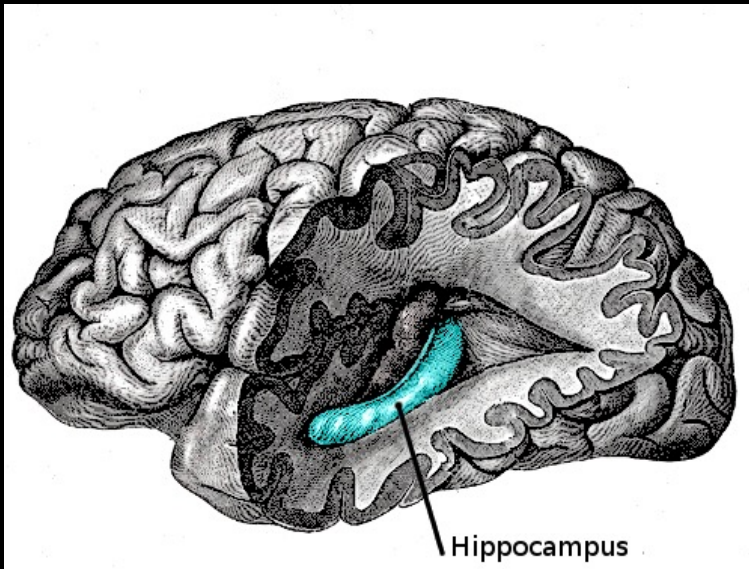
# Marking Scheme Tips

- Common trends
  - Correctly imports any necessary modules
  - Returns what the docstring says to return
  - Completes any necessary conversions (such as with input function)
  - Defines some accumulator variable (if you need to return some new data structure)
  - Correct conditional logic (including loops and if statements)
  - Comments help explain yourself, especially when you forget a method or how to use it

# Hack Your Brain

TLDR: Be chill. Don't stress.

- Stress increases cortisol levels in your brain
- Cortisol fits into your memory receptors
- Impairs memory recall, while promoting memory formation



One of your many memory receptors

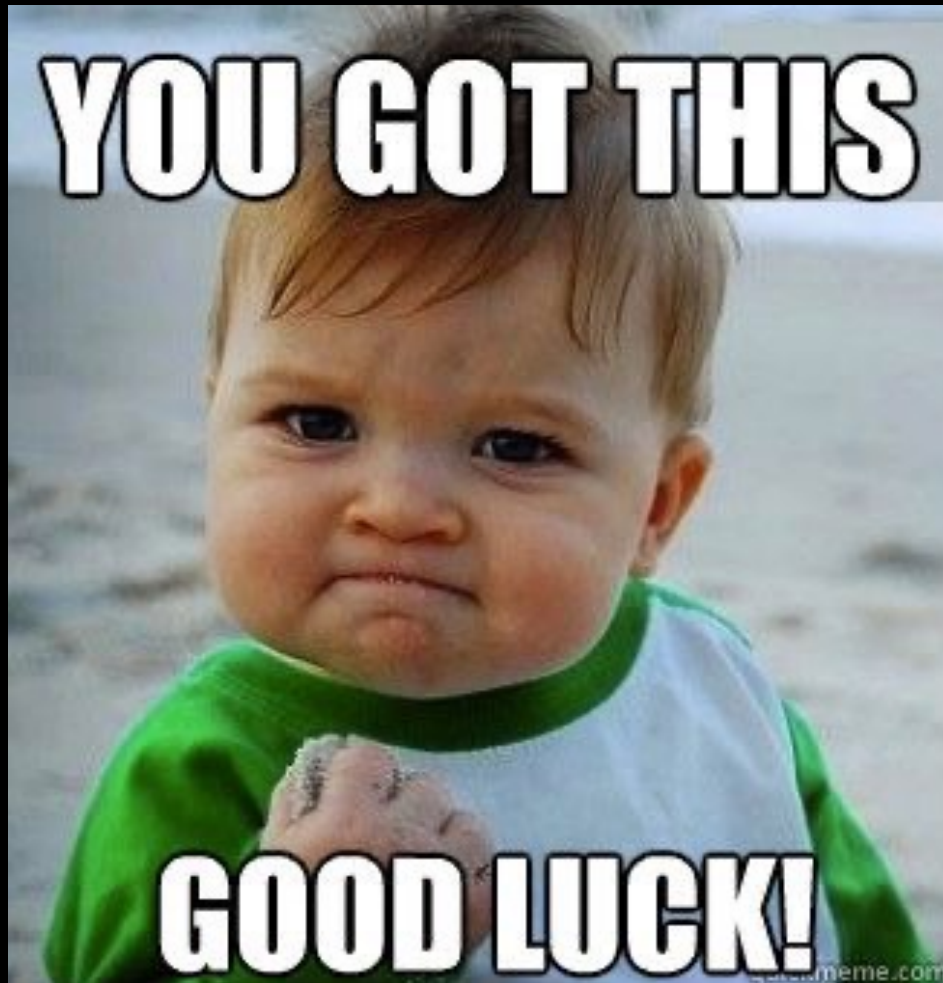


# Final Tips

- Put yourself in 'Exam Mode' when in 'Study Mode'
- Take your time and read questions carefully
- Be kind to your TAs
  - Write legibly and clearly
  - Use apt comments, including arrows and labels if you need more space to keep writing
- Do your best
- Stay calm



Good Luck and Have Fun!

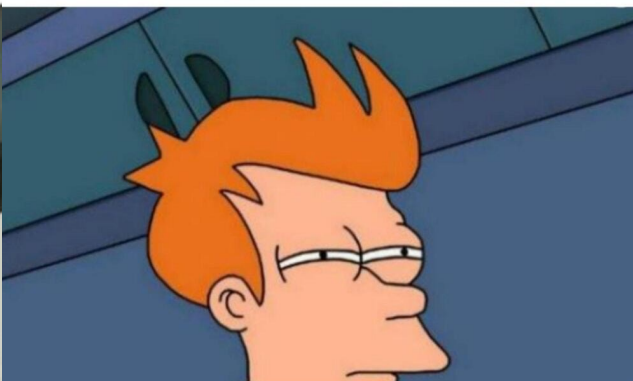




# How did Josh Wardle store solutions?

me discovering that  
the wordles are in the source  
code of the website, so  
you can actually see the next  
day's wordle in the code:

me wondering if I should tell  
my friends, knowing they may  
accuse me of cheating



```

ayer.push(arguments)}customElements.define("game-toast",Aa),window.dataLayer=window.dataLayer||[],Ca("js",new Date);Ca("config",G
ash,debug_mode:1});var La=
n","rebut","sissy","humph","awake","blush","focal","evade","naval","serve","heath","dwarf","model","karma","stink","grade","quiet",
,"marry","react","batty","pride","floss","helix","croak","staff","paper","unfed","whelp","trawl","outdo","adobe","crazy","sower","r
flesh","booby","forth","first","stand","belly","ivory","seedy","print","yearn","drain","bribe","stout","panel","crass","flume","off
ont","shrub","parry","biome","lapel","start","greet","goner","golem","lusty","loopy","round","audit","lying","gamma","labor","islet
","fjord","spend","kebab","guild","aback","motor","alone","hatch","hyper","thumb","dowry","ought","belch","dutch","pilot","tweed",
"world","gouge","click","briar","great","altar","pulpy","blurt","coast","duchy","groin","fixer","group","rogue","badly","smart","p
etch","wrote","clock","tilde","store","prove","bring","solve","cheat","grime","exult","usher","epoch","triad","break","rhino","vir
ke","pluck","craze","gripe","weary","picky","acute","ferry","aside","tapir","troll","unify","rebus","boost","truss","siege","tiger",
","solar","shire","proxy","point","robot","prick","wince","crimp","knoll","sugar","whack","mount","perky","could","wrung","light",
"ulcer","ultra","robin","cynic","agora","aroma","caulk","shake","pupal","dodge","swill","tacit","other","thorn","trove","bloke","vi
oard","sweet","month","lapse","watch","today","focus","smelt","tease","cater","movie","lynch","saute","allow","renew","their","slo
ly","snout","trope","fewer","shawl","natal","fibre","comma","foray","scare","stair","black","squad","royal","chunk","mince","slave",
","askew","heist","shown","zesty","hasty","trash","fella","larva","forgo","story","hairst","train","homer","badge","midst","canny","n
"glass","gamer","scrap","money","hinge","album","vouch","asset","tiana","crept","bayou","atoll","manor","creak","showy","phase","fr
onor","atone","primo","apron","blown","cacao","loser","input","gloat","awful","brink","smite","beady","rusty","retro","droll","gawk
ck","agape","wench","voice","stead","stalk","berth","madam","night","bland","liver","wedge","augur","roomy","wacky","flock","angry",
","upset","bluff","cramp","quart","coily","youth","rhyme","buggy","alien","smear","unfit","patty","cling","glean","label","hunky","k
"woven","octal","needy","clown","widow","irony","ruder","gauze","chief","onset","prize","fungi","charm","gully","inter","whoop","tau
oubt","parer","chute","stick","trice","alike","sooth","recap","saint","liege","glory","grate","admit","brisk","soggy","usurp","scald
dy","enjoy","valid","ionic","equal","unset","floor","catch","spade","stein","exist","quirk","denim","grove","spiel","mummy","fault",
","photo","dream","stale","vomit","fanny","unite","snarl","baker","there","glyph","pooch","hippy","spell","folly","louse","g
"valve","skimp","claim","rainy","musty","pique","daddy","quasi","arise","aging","valet","opium","avert","stuck","recut","mulch","gen
over","safer","rivet","funny","smoke","mound","undue","sedan","pagan","swine","guile","gusty","equip","tough","canoe","chaos","covet
ce","given","octet","risen","groan","leaky","grind","carve","loose","sadly","spilt","apple","slack","honey","final","eerie","s
","fairy","jiffy","filmy","stack","chase","sleep","ardor","nanny","niece","wooly","handy","grace","ditto","stank","cream","usual","di
"shade","diner","arson","onion","sleet","dowel","couch","palsy","bowel","smile","evoked","creek","lance","eagle","idiot","siren","buil
lite","lymph","edify","might","reset","visit","gusto","purse","vapor","crock","write","sunny","loath","chaff","slide","queen","venom
"china","ridge","vowel","gnome","snuck","boule","moron","tenet","place","lobby","plush","vigil","index","blink","clung","qualm","cro
cuba","splat","flyer","horny","mason","doing","ozone","amply","molar","flown","rabid","prose","thank","poppy","budge","fiber","moldy
aw","sigma","spout","verve","sushi","dying","fetid","brain","buddy","thump","scion","cliff","magic","truce","sport","fritz",
","blond","ennui","layer","fluid","tatty","score","cutie","zebra","barge","matey","chord","basin","march","crowd","arbor","g
"wrily","rover","assay","ocean","bloom","irate","later","woken","silky","wreck","dwelt","slate","smack","solid","amaze","hazel","wrist
"ech","jetty","bliss","vocal","often","dolly","eight","joker","since","event","ensue","shunt","diver","poser","worst","sweep","alley",
"od","spoke","outgo","delay","bilge","ideal","clasp","seize","hotly","laugh","sieve","block","meant","grape","noose","hardy","shied","dr
","geeky","cough","naive","shoal","stork","bathe","aunty","leaven","sneak","razor","elect","evict","imply","denu
"nudge","harem","pitch","sworn","pupil","excel","stony","cabin","unzip","queen","trout","polyp","earth","storm","until","taper","enter",
read","steal","regal","guest","every","share","spore","hoist","buxom","inner","otter","dimly","level","sumac","donut","stilt",
"al","amble","shady","bread","friar","reign","dairy","quill","cross","brood","tuber","shear","posit","blank","villa","shank","piggy","fre
"where","sassy","copse","swoon","knife","pouch","ascot","plane","crown","urban","snide","relay","abide","viola","raja","straw","dilly
"inch","ashen","modal","gaunt","clove","clued","creep","caste","graze","snuff","frock","gonad","drunk","prong","lunatic","steel","halve",
"at","cyber","adore","tardy","swami","notch","groom","roach","hitch","roast","speck","sheik","missy","grunt","snore","snore",
"j unto","pixie","quoth","bonus","shalt","roast","roach","hitch","roast","speck","sheik","missy","grunt","snore","snore",

```