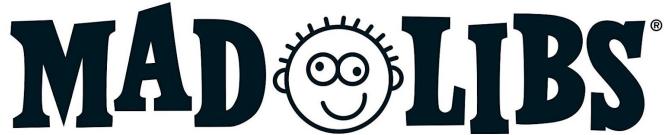
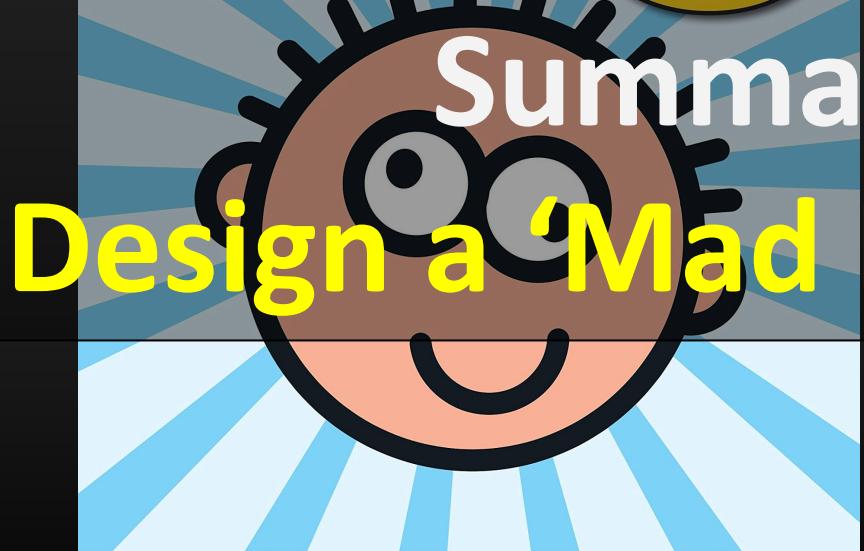


MORE BEST OF MAD LIBS



World's Greatest Word Game

Over
140 classic
Mad Libs stories
inside!



A super silly way to fill in the _____!
PLURAL NOUN

PIZZA PIZZA



Pizza was invented by a _____
(adjective) _____
(nationality)

chef named _____. To make a pizza, you need
(person)

to take a lump of _____ and make a thin, round
(noun)

_____ (adjective) _____ (noun). Then you cover it with
cheese, and fresh
(adjective) (noun)

chopped _____. Next you have to bake it in a very
(plural noun)

hot _____. When it is done, cut it into _____
(noun) (number)

_____. Some kids like _____ pizza the
(shapes) (food)

best, but my favorite is the _____ pizza. If I could, I
(food)

would eat pizza _____ times a day!
(number)

Summative Task: Word Game (Mad Libs)

Design Problem & Constraints

The company **EduGames** has hired you again to create a fun educational [Mad Lib-inspired](#) word game to promote creative writing for Middle School students.

The company has provided **three constraints you must follow** in your design:

1. The game must be no longer than 5 minutes to play.
2. The game must have **at least two choices of different Mad Libs** to play when ran.
3. There must be multimedia (ASCII artwork, sound, visuals) used to enhance the game.

Summative Task: Word Game (Mad Libs)

Teacher / Developer Expectations

1. The entire program will be explained with one flowchart (www.draw.io)
2. Selected algorithms explained using IB pseudocode (min. 2 examples)
3. The program is coded using Java in Repl.it (www.repl.it)
4. Comment header, commenting, camelCase, and whitespace



File 1: designPlan.pdf



File 2: wordGame.java

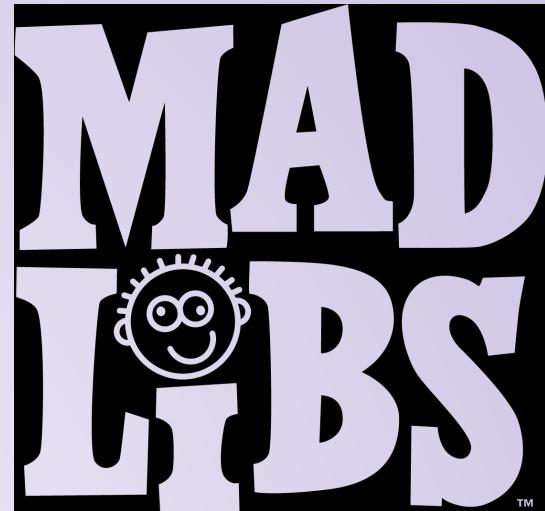
You may decide to submit additional files, for example:

Java Files
Sound Files
Images, Media, ect.

Summative Task: Word Game (Mad Libs)

Consider in your solution:

- Input & String Methods
- Randomization
- Conditionals & Loops
- Provide choice (2-3)
- Ask to play again
- Check for correct input
 - e.g. Integer vs. String



An example using the lyrics
from The Beatles “Lucy in the
Sky with Diamonds”

What HAPPENS when a
UnICORN POOPS?



Unicorns aren't like other _____
(plural noun); they're _____. They look like
(adjective), with _____ for feet
(plural noun; animals) and a _____ mane of hair. But unicorns
(adjective) are _____ and have a _____ on
(color) their heads. Some _____
(plural noun) don't
believe unicorns are _____ but I
(adjective) believe in them. I would love to _____ a
unicorn to faraway _____. One thing
I've always _____
(verb-ed) about is whether
unicorns _____ rainbows, or is their
(verb) _____ like any other animal's?
(noun) (adjective)



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Check out: <https://www.madlibs.com/>

DP Computer Science: Programming Task Rubric

	Design Flowcharts, Sketches, Prototypes, Pseudocode	Readability Documentation, Conventions, Comments	Application Meeting the Success Criteria	Computational Thinking Problem Solving and Algorithmic Design
4	Developed a highly effective design process, which consistently takes into consideration the success criteria of the end users in order to develop a complete solution.	The documentation is exceptionally clear , applies coding conventions correctly , and comments code completely and consistently .	The product meets and exceeds the success criteria, by consistently applying programming concepts successfully towards developing a complete, innovative and creative product.	The product and documentation show evidence of an independent, thorough, and complete understanding of computational thinking skills , problem solving, and algorithm design.
3	Developed an effective design process, which generally takes into consideration the success criteria of the end users.	The documentation is generally clear , applies coding conventions accurately with limitations , and comments code substantially .	The product meets the success criteria, by applying programming concepts towards developing a complete product.	The product and documentation show evidence of a substantial understanding of computational thinking skills , problem solving, and algorithm design with minimal assistance .
2	Developed a moderately effective design process, which occasionally takes into consideration the success criteria of the end users.	The documentation lacks clarity , applies coding conventions inaccurately , and comments code inconsistently .	The product partially meets the success criteria, and inconsistently applied programming concepts towards developing a product with noticeable errors .	The product and documentation show evidence of a partial or incomplete understanding of computational thinking skills , problem solving, and algorithm design with moderate assistance .
1	Developed an ineffective design process, which rarely takes into consideration the success criteria of the end users.	The documentation is unclear or partially incomplete , applies coding conventions incorrectly , and comments code rarely .	The product does not meet the success criteria , and is ineffective at applying programming concepts with significant errors .	The product and documentation show evidence of a substantial misunderstanding of computational thinking skills , problem solving, and algorithm design, and requiring considerable assistance .

Adapted from the IBO DP Computer Science IA Expectations and Guide

Updated: November 9, 2020