

The background is a light orange watercolor wash. Scattered around the central text are several watercolor illustrations: a round cake with a cherry on top at the top center; a slice of multi-layered cake with purple and pink layers on the left; a slice of yellow cake with a raspberry on top on the right; and several individual blueberries scattered throughout. A large, white, rounded rectangular frame with a dashed pink border encloses the text.

# ***Computer Science Capstone 2024***

Lily Kueber

# ***My Project: Visual Novel***

## ***Visual Novel Game***

Children's game  
following a penguin  
baker (Muff) competing  
in a bake off against  
other arctic animals in  
"The Great Arctic  
Baking Show"



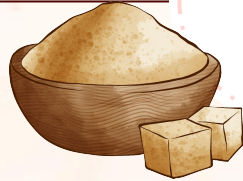
# ***How I divided time***



***Sept***

## ***Learning***

Researching  
coding  
platforms and  
engines



***Oct***

## ***Drawing***

Creating  
artwork and  
designing the  
physical game



***Nov***

## ***Coding***

Finished the  
storylines and  
checked code

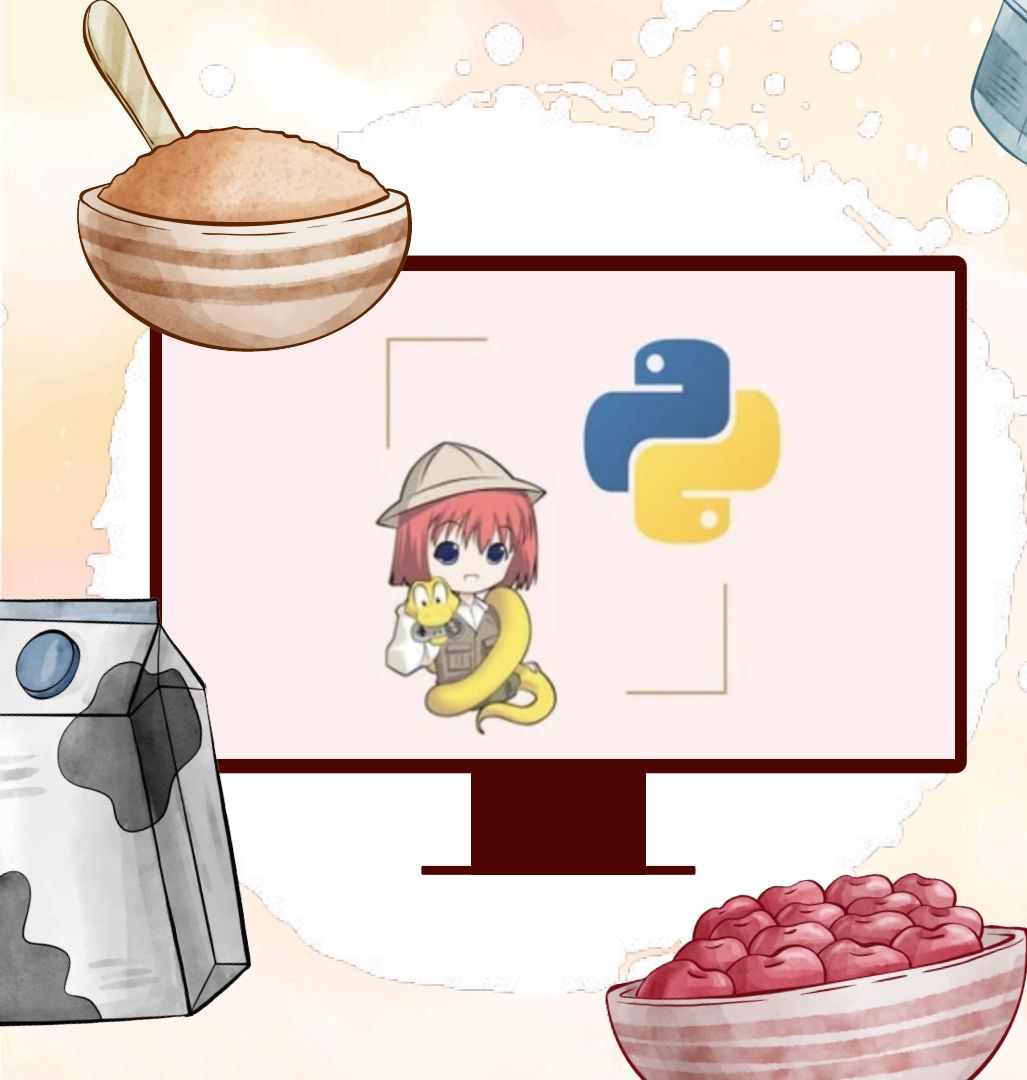


***Dec***

## ***Presenting***

Cleaning up  
some code and  
presenting





## ***Renpy*** ***software***

Renpy is a python based visual novel engine. It is a free downloadable application on both Mac and Windows. Fan base of over a thousand games for people to enjoy and add to



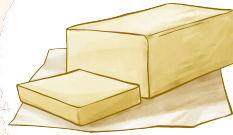


# ***Difficulties***



## ***New To Platform***

Familiar with python,  
but not Renpy and its  
capabilities



## ***Image Uploads***

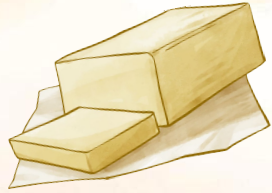
Calculating pixels,  
editing pictures



## ***“Writer's Block”***

Realistic expectations  
an storylines

# ***Pleasant Surprises***



## ***Troubleshooting***

Easy to find videos or discussion posts about renpy



## ***Creativity***

Renpy allows user to change just about everything



## ***Downloading***

Sharing the files and downloading the platform is simple





# The Great Arctic Baking Show

Start  
Load  
Preferences  
About  
Help  
Quit

Created By: Lily Kueber  
Capstone Project 2024

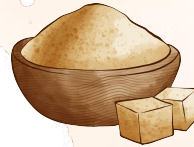
Lily Kueber



# ***If I had more time...***

## ***More Sounds***

Would have liked  
more sound effects

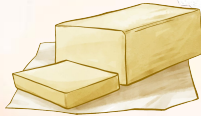


## ***More Decisions***

More choices for the  
user to pick through

## ***Longer Endings***

There were three  
endings but were  
rather short



## ***More Visuals***

Adding more  
characters to  
screens





# ***Advice!***



## ***Research***

Become very familiar with the platforms you are using and find posts about troubleshooting



## ***Stay on top***

Make sure you're putting work almost every day into this do not procrastinate