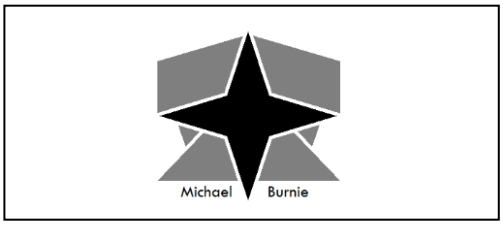
BURNIE GAMES



Slot Machine

Remember: Gambling is bad! This game is way better!

Version 0.41

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VERSION HISTORY

Slot Machine Version 0.41

- Added comments
- Fixed spin image
- Changed winning jackpot background slightly
- Added external documentation

Slot Machine Version 0.4

- Added Sounds for slot machine for the following button events
    - Spin
    - Bets
    - Reset
    - Hit Jackpot
    - Out of credits
    - Click Invalid Spin button, mentioned below
- New button "Invalid Spin" replaces spin button should user, at any point, have a bet greater than player's credits
- New button "Quit": simply quits the game
- New background
- Added jackpot win backgrounds, screen flashes to notify player of winning jackpot
- Added looping background music (Transport Tycoon theme)
- Added a quit button to the top-right corner
- Added placeholder "spinning" reel icon
- Delay after pressing the spin button and after winning jackpot
- Added some comments

Slot Machine Version 0.3

- Added new buttons & functionality for:
    - Bet 10, 100, 1000
    - Reset
- Added GUI text elements for:
    - Credits
    - Bet
    - Jackpot
- Background updated to hold new GUI elements
- New reel images
- including source image
- Changed Banana to Watermelon
- Updated Description
- Changed caption
- Changed some local variables to Global Constants, as they never change

- Changed some variable names
- eg. 'playerMoney' to 'credits'
- Minor revisions to imported file: Buttons.py

Slot Machine Version 0.2

- Uses slotmachine_0_1.py base code
- Added GUI model with slot machine background
- Added button for spin
- Numbers appear in each slot representing the 8 different individual reel outcomes
- Many features still missing from base code

Initial Commit

- Contains the given slotmachine game as well as the in-class Dice game.

SLOT MACHINE OVERVIEW

Game Overview

Slot Machine simulates the experience you have with a real slot machine, only in a game mode! Using pygame, there are buttons you can press to quench your gambling needs. You start with 1000 credits, so bet away! Click the Spin button to start spinning those reels, or change your bet first if you desire.

Game Play Mechanics

Given 1000 credits, your goal is to make as many credits as you can, with a little help from lady luck. Depending what you set your bet to, you have a chance to win more credits back! If you don't win, you lose those credits you bet in the first place. Click the spin button to test your luck with the machine. Depending on the reel outcomes—which are using actual gambling odds from a real slot machine—you will win or lose credits. If you're not having the best of luck, maybe click the Reset button to start again. Keep in mind that if you win, you always have a chance to win that sweet jackpot! The jackpot only increases the more you play, until it is won of course.

Controls

This game uses a very simple GUI (Graphical User Interface) which uses buttons for the slot machine functions. Simply click a corresponding button for the desired function:

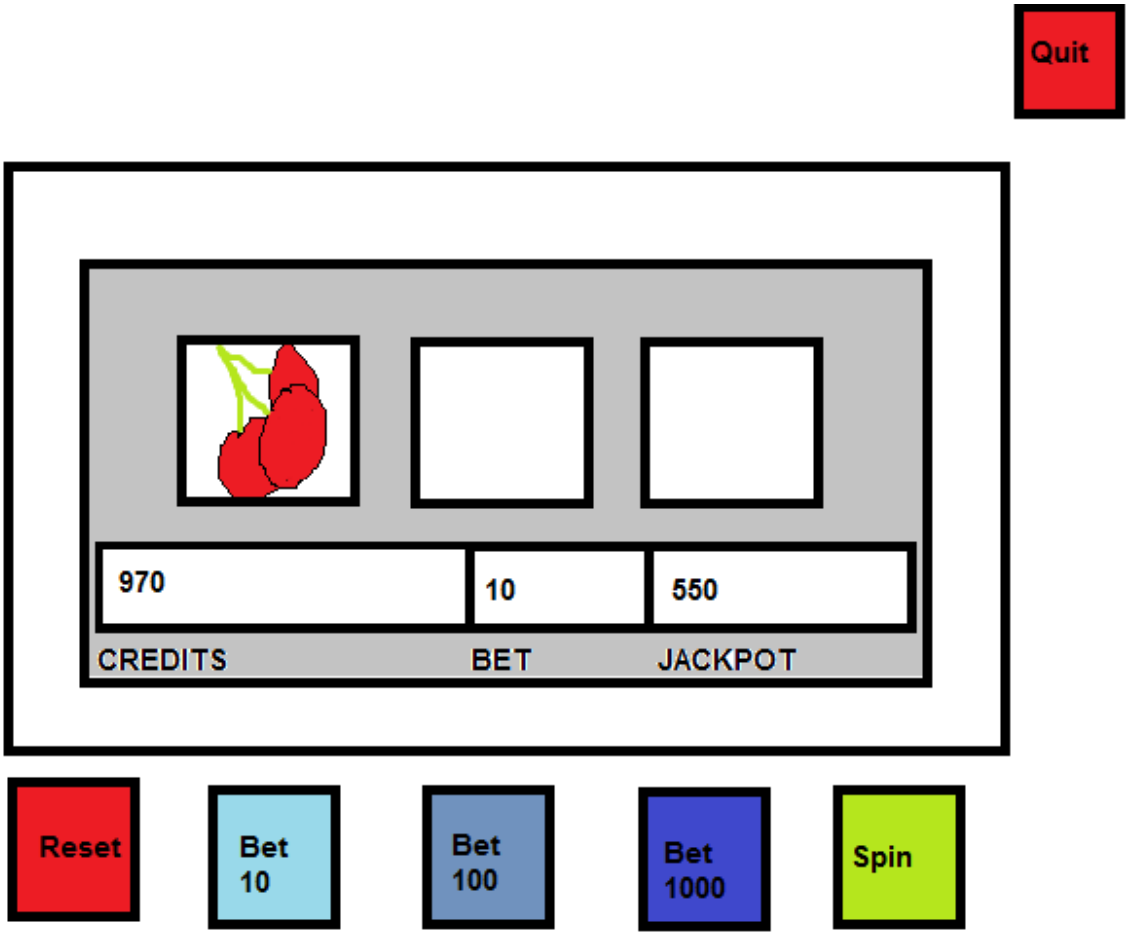
Reset: Reset the game back to the starting state.

Quit: Quit the game.

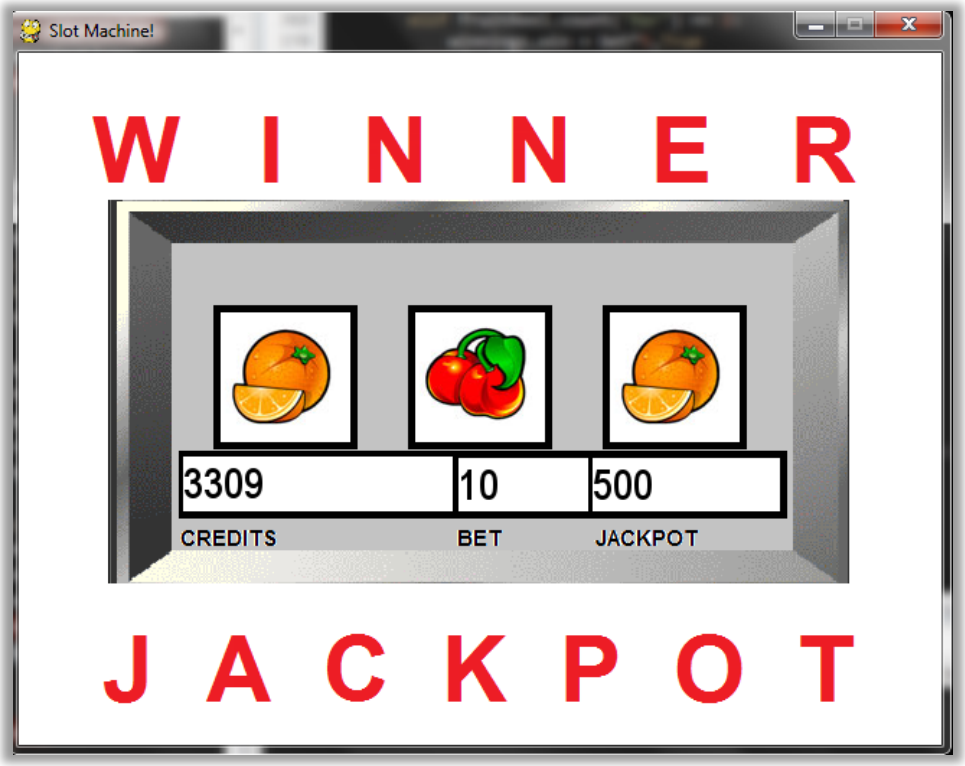
Bet (10, 100, 1000): Change the bet amount.

Spin: Depending on the bet given, the reels will spin to determine how many credits you win or lose.

Interface Sketch



Screen Descriptions



Game World

The game world is a casino, of course! With some jazzy music, you are placed in the world of slot machines and coin spilling.

Game Progression

There isn't much game progression; however, as you spin the reels, the jackpot will increase depending on how much you are betting.

Scoring

Scoring is weighed upon how many credits you earn. The number of credits you earn is your score! Try to get the most credits possible!

Sound Index

There are many sounds in this casino!

Background music: ttd00.mp3 (from Transport Tycoon)

Many sounds from wavsource.com:

- bet.ogg
- invalid_spin.ogg
- jackpot.ogg
- no_credits.ogg
- reset.ogg
- spin.ogg
- win.ogg

Art / Multimedia Index

Background images:

- background_2.png
- background_jackpot_1-2.png
- background_jackpot_2-2.png

Reel Images:

- Bar.png
- Bell.png
- Blank.png
- blank_bet.png
- blank_credits.png
- blank_jackpot.png

- Cherry.png
- Grapes.png
- Orange.png
- Seven.png
- Spin.png
- Spinning.png
- Watermelon.png

Design Notes

- Many sounds for:
    - Background music
    - Spin the reel
    - Betting
    - Regular win
    - Jackpot win
    - Out of credits
    - Resetting the game
- Spinning picture to somewhat animate the spinning process
- Nice background!

Future Features

- A proper spinning animation
- Better animations overall
- More spin reels, bet lines