# The Festive Hangman

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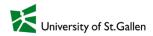
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### 1. Overview

This project is an extended version of the childhood game "Hangman". It includes a festive Christmas theme which can be played in both single-player and multiplayer modes. Players must guess the hidden word, one letter at a time while they see their progress through the hangman figure. Additional features include a Christmas theme word list, custom visual elements and background music, bringing the holiday spirit to life. Multiplayer mode allows players to challenge their friends in a fun and competitive setting.

This documentation outlines the key features, and instructions for running and experiencing the game.

## 2. Description of Code

File name	Description
main.py	Starts the game
christmas_words.py	Provides the list of Christmas-themed words
hangman_visual.py	Displays the Hangman figure in the different stages
multiplayer_mode.py	Handles multiplayer gameplay logic
jingle_bells.mp3	Festive background music for the game

### 3. How to run the code

- 1. Download the GitHub folder
- 2. Make sure that pygame is installed. To download open terminal or command prompt and type: pip install pygame
- 3. Run the game: Locate the folder where the files are saved, then launch main.py by typing: python main.py
- 4. Enjoy the game

## 4. How to play

To play the Hangman game, your objective is to guess the hidden word by suggesting letters one at a time. The game offers two modes: single-player and multiplayer. In single-player mode, the game randomly selects a word from a festive Christmas-themed word list, and your task is to uncover the word before the Hangman figure is fully drawn. In multiplayer mode, one player enters a word while the other player attempts to guess it.

After selecting the game mode, you will be prompted to guess a letter. If the letter is part of the hidden word, it will be revealed in the correct position. If the letter is not part of the word, a part Hangman figure will be drawn, and the game continues until you either finish the word or you run out of lives and the Hangman figure is completely drawn.