

Part 1

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Title: Biking Game.

Description: A simple 2-D side scroller game with the bike racer jumping over stones, ducking birds, and hitting some other items (possibly frogs).

Functionality:

- User will push 4 arrow keys for going faster, slower, jumping, ducking.
- There is a damage meter.
- There is a scoreboard.
- There is a time meter.
- There is collision detector.
- Audio for collisions, background tune.
- Usage of sprite animation for the racer figure.
- Store high scores.
- Get a name for high score.

Stretch Functionality:

- Integrate more popular physics library from open source.
- Multi player mode for several racers.