

Python Platformer Game Assessment

Names: _____

	Emerging	Developing	Proficient	Extending
User Interface (UI) Design	The interface is minimal or incomplete. Basic elements (menus, buttons, Heads-up-display) may be missing or confusing. Navigation is unclear or unintuitive. Text or icons may be difficult to read or use. There is little or no attention to layout, alignment, or consistency.	The interface includes essential components but lacks polish. Some parts are functional, but layout may be cluttered or inconsistent. Navigation works but may be awkward or require guessing. Some visual elements may be hard to read or poorly placed. Minimal consideration for user experience or visual design.	The interface is complete and functional. Layout is mostly clear, organized, and consistent. Navigation is intuitive and user-friendly. Visual elements (text, buttons, icons) are legible and well-positioned. Design supports the game experience without distracting from gameplay.	The interface is visually appealing, polished, and fully integrated with the game. Layout is clean, consistent, and responsive to user actions. Navigation is smooth, intuitive, and enhances the gameplay experience. Design elements are cohesive, styled to fit the game's theme. Optional UI features (animations, sound feedback, tooltips, etc.) are thoughtfully added to elevate the user experience.
Completeness, Robustness, Complexity	A few issues with erroneous input OR exceptions OR the project was much too easy for the programmers working on it OR multiple criteria not met OR includes several features that do not function correctly.	At least one issue with erroneous input OR throws an exception OR the project was not complex enough OR at least two criteria not met OR at least two features do not function correctly.	Nearly all program criteria are met, with at most one minor feature missing or slightly flawed. The program is robust, handling erroneous input gracefully and avoiding runtime exceptions. The project demonstrates an appropriate level of complexity, presenting a meaningful challenge that required the majority of the allotted development time.	Meets Proficient criteria AND has no missing program criteria or issues in functionality AND project demonstrates successful application of multiple skills covered in the course material. May demonstrate skills extending beyond course material.
Basic Criteria Lives or Health: Food and Water: 5 New Levels:	There are multiple issues with the implementation, or lack thereof, of the Basic Criteria.	At least one Basic Criterion is missing or has a significant flaw in its implementation, OR multiple minor issues are present across the basic features.	All Basic Criteria are present, though at least one minor issue is evident in functionality or execution.	All Basic Criteria features are fully implemented and function correctly.
Advanced Criteria Power-ups: Save/Load Game: Time Limit: Boss Fight: Customization Options: High Scores:	0-1 of the 7 Advanced Criteria features are implemented and mostly function correctly.	2-5 of the 7 Advanced Criteria features are implemented and mostly function correctly, though the quality of work may be inconsistent or lack refinement.	4 or 5 of the 7 of the Advanced Criteria features are fully implemented, function correctly, and are executed with a high level of quality and attention to detail. (2 working well for single member teams)	6-7 of the 7 Advanced Criteria features are fully implemented, function correctly, and are executed with a high level of quality and attention to detail.
Milestones	More than two project milestones are incomplete or submitted after the required deadline.	Two project milestones are incomplete or submitted after the required deadline.	One project milestone is incomplete or submitted after the required deadline.	All project milestones are fully completed and submitted by the specified deadlines.