

MP3 player Project Rubric:

Basic Functionality:

- / 70 Playing mp3s
 - subprocess Popen vlc
 - back button
 - play button
 - forward button
 - stop button
 - remove button
 - shortcuts and tooltips for all buttons
 - menu add directory
 - menu clear all
 - menu go (playing/first/last)
 - resizable window

Error checking:

- / 20 No bugs
 - Music stops playing when program exits

Coding:

- / 10 Style:

- _____ use of meaningful variable names
 - avoid meaningless names
 - names should not be very long ie. Horizontalposition
 - using meaningful variable names reduces required comments
- _____ comments
 - comment lines which require explanation
 - do not comment every line
 - do not write verbose comments
 - comments should be short and to the point (concise)
 - not in sentence form
 - will YOU be able to understand your code 1 year later
 - function docstrings required (purpose, accepted args, return values)
- _____ efficient code
 - prefer loops instead of code repetition
 - prefer functions for code that has a specific purpose
- _____ readable and logical code
 - easy to understand
 - avoid convoluted/complicated code
 - blank lines to separate logical blocks