**DAILY ASSESSMENT FORMAT**

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| **Date:** | **6 – 08 - 2020** | **Name:** | **Rohan Shetty** |
| **Course:** | **Coursera** | **USN:** | **4AL17EC079** |
| **Topic:** | **Creative Programming for Digital Media & Mobile Apps** | **Semester & Section:** | **6th & B** |
| **GitHub Repository:** | **rohan-shetty-online-courses** |  |  |

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| SESSION DETAILS  Session images  \­­­­­­­­  Report:  Processing is an [open-source](https://en.wikipedia.org/wiki/Open-source_software) graphical library and [integrated development environment](https://en.wikipedia.org/wiki/Integrated_development_environment) (IDE) built for the electronic arts, [new media art](https://en.wikipedia.org/wiki/New_media_art), and [visual design](https://en.wikipedia.org/wiki/Visual_design) communities with the purpose of teaching non-programmers the fundamentals of [computer programming](https://en.wikipedia.org/wiki/Computer_programming) in a visual context.  Processing uses the [Java language](https://en.wikipedia.org/wiki/Java_(programming_language)), with additional simplifications such as additional classes and aliased mathematical functions and operations. It also provides a graphical user interface for simplifying the compilation and execution stage.   * Write creative, audio-visual programs in the processing environment that run on desktop and mobile. Programmatically manipulate sound in creative ways Display images and image sequences * Generate interactive, algorithmic graphics Work with a 2D physics engine to create a basic game   A mobile application, also referred to as a mobile app or simply an app, is a [computer program](https://en.wikipedia.org/wiki/Computer_program) or [software application](https://en.wikipedia.org/wiki/Software_application) designed to run on a [mobile device](https://en.wikipedia.org/wiki/Mobile_device) such as a [phone](https://en.wikipedia.org/wiki/Smartphone), [tablet](https://en.wikipedia.org/wiki/Tablet_computer), or [watch](https://en.wikipedia.org/wiki/Smartwatch). Apps were originally intended for productivity assistance such as email, calendar, and contact databases, but the public demand for apps caused rapid expansion into other areas such as [mobile games](https://en.wikipedia.org/wiki/Mobile_games), factory automation, GPS and [location-based services](https://en.wikipedia.org/wiki/Location-based_services), order-tracking, and ticket purchases, so that there are now millions of apps available. Apps are generally downloaded from application distribution platforms which are operated by the owner of the [mobile operating system](https://en.wikipedia.org/wiki/Mobile_operating_system), such as the [App Store (iOS)](https://en.wikipedia.org/wiki/App_Store_(iOS)) or [Google Play Store](https://en.wikipedia.org/wiki/Google_Play_Store). Some apps are free, and others have a price, with the profit being split between the application's creator and the distribution platform. Mobile applications often stand in contrast to [desktop applications](https://en.wikipedia.org/wiki/Desktop_application) which are designed to run on [desktop computers](https://en.wikipedia.org/wiki/Desktop_computer), and [web applications](https://en.wikipedia.org/wiki/Web_application) which run in [mobile web browsers](https://en.wikipedia.org/wiki/Mobile_web_browser) rather than directly on the mobile device. |