Score 5/5

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| Answer the following questions:  1. Give an example of a special purpose computer that you are familiar with and briefly describe its hardware and its software.  **Answer**   |  | | --- | | **A special purpose computer would be a calculator for mathematical calculations.** |   2. Explain in your own words the difference between running your app by "Connecting to the Companion" and running your app by "Packaging" it.  **Answer**   |  | | --- | | **Packaging an app will put it into an apk file which can be distributed over the play store and be sent to anyone for them to install on there phones. Running over the companion app runs a interpreter that sends line of code by line of code from the device to the computer realtime.** |   3. As we learned in this lesson, a byte is about the same amount of memory as a character, such as the letter 't'. There are approximately 7 million characters in all of the Harry Potter novels combined. How many bytes of memory would all of the Harry Potter novels take up? How many copies of the Harry Potter novels would fit on a 7 Gigabyte flash drive. (Remember 1 Gigabyte is 1 billion bytes.)  **Answer**   |  | | --- | | **There would be 7 million bytes. 1000 copies of every Harry Potter novels can fit onto a 7 gigabyte flash drive.** | |