M319: AP Computer Science Principles Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explore Performance Task

Practice (2B) Template Date: \_\_\_\_\_\_ Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explore PT — Impact of Computing Innovations  
Written Response Template

## 2. Written Responses

Submit one PDF document in which you respond directly to each prompt. Complete your responses to 2b and 2e. Your responses must provide evidence of the extensive knowledge you have developed about your chosen computing innovation and its impact(s). Write your responses so they would be understandable to someone who is not familiar with the computing innovation. Include citations, as applicable, within your written responses. Your responses will eventually be combined with further research and writing to create a 700 word research paper.

### Computing Innovation

2b.Describe your development process, explicitly identifying the computing tools and techniques you used to create your artifact. Your description must be detailed enough so that a person unfamiliar with those tools and techniques will understand your process.

* Prior to writing your response, check that your computational artifact satisfies the following criteria:
  + The computational artifact clearly identifies the computing innovation
  + The computational artifact provides an illustration, representation, or explanation of the computing innovation’s intended purpose, function, or effect.
  + The computational artifact is primarily non-textual

Insert response for 2b in the text box below. *(No more than 100 words)*

To create my computational artifact, I used the online tool, canva.com. I first logged into Canva and selected to create an infographic using the soybeans template. I then downloaded pictures from the internet and ones sponsored by canva, and uploaded them to software. I dragged the pictures to where I wanted them, and scaled them create a background or an accompanying picture. I finally inserted text boxes by clicking the textbox tool, and selecting the correct textbox to describe the pictures. Citations were added in afterwards using a different text style, which was modified through selecting a new textbox.

### References

2e.Provide a list of at least two online or print sources used to support your response to the prompt in this performance task.

* At least two sources must have been created after the end of the previous academic year (May 2018).
* For each online source, include the permanent URL. Identify the author, title, source, the date you retrieved the source, and, if possible, the date the reference was written or posted using MLA8 guidelines. You may use [www.easybib.com](http://www.easybib.com)
* For each print source, include the author, title of excerpt/article and magazine or book, page number(s), publisher, and date of publication.
* Include citations for the sources you used, list the sources in alphabetical order, and number each source accordingly.
* Each source must be relevant, credible, and easily accessed.

*(Note: No word count limit for this answer)*

Insert response for 2e in the text box below.

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| [1] Rossen, Camilla Blach, et al. “Everyday Life for Users of Electric Wheelchairs – a Qualitative Interview Study.” *Everyday Life for Users of Electric Wheelchairs - A Qualitative Interview Study*, VIA University College, 17 Mar. 2012, <https://www.researchgate.net/profile/Camilla_Rossen/publication/> 221712715 \_Everyday\_life\_for\_users\_of\_electric\_wheelchairs\_-\_A\_qualitative\_ interview \_study/links /58bd6498a6fdcc2d14ea2167/Everyday-life-for-users-of-electric-wheelchairs-A-qualitative-interview-study.pdf  [2] Gannon, Mary. “How Do I Choose a Joystick Controller for My Mobile Machine?” *Mobile Hydraulic Tips*, Mobilehydraulictips.com, 28 June 2019, www.mobilehydraulictips.com/how-do-i-choose-a-joystick-controller-for-my-mobile-machine/.  [3] Stenberg, G., Henje, C., Levi, R., Lindström, M. (2016) Living with an electric wheelchair: the user perspective. Disability and Rehabilitation: Assistive Technology, 11(5): 385-394, 14 Oct. 2019 http://dx.doi.org/10.3109/17483107.2014.968811  [4] “C.T.M. HS-2850 Compact Mid-Wheel Drive Power Chair.” *Discover My Mobility*, Discover My Mobility, lh6.googleusercontent.com/proxy/g7ukMcPBAqP4cHl3hQHZn-abkpBsW2CFHeTHhzABlrK7nie3QhfVV\_e4flopnB7lvIQzZZSJ3BMPEUOH7ZPWAWlukpU\_xNnztmvMQHETvgb82LY3xeVmJqgfWc0LN3T-tpii3Q.  [5] “Arts for All Abilities — Z Puppets Rosenschnoz.” *Arts for All Abilities*, Z Puppets Rosenschnoz, zpuppets.org/arts-for-all-abilities.  [6] Rossen, Camilla Blach, et al. “Everyday Life for Users of Electric Wheelchairs – a Qualitative Interview Study.” *Everyday Life for Users of Electric Wheelchairs - A Qualitative Interview Study*, VIA University College, 17 Mar. 2012, www.tandfonline.com/doi/abs/10.3109/17483107.2012.665976.  [7] “Power Folding Wheelchair Joystick.” *Quick N Mobile*, Quick N Mobile, quicknmobile.com/product/power-folding-wheelchair-joystick/.  [8] “Handicapped Person Socialization Stock Illustration.” *IStock*, IconicBestiary, 16 Dec. 2016, [www.istockphoto.com/vector/handicapped-person-socialization-gm629185698-111875971](http://www.istockphoto.com/vector/handicapped-person-socialization-gm629185698-111875971).  [9] Bellis, Mary. “A Man Playing Tennis Using a Wheelchair.” *History of the Wheelchair*, ThoughtCo., 1 July 2019, [www.thoughtco.com/history-of-the-wheelchair-1992670](http://www.thoughtco.com/history-of-the-wheelchair-1992670).  [10] Quigley, John. “Cities For All.” *Disabled Activists Are Building an Inclusive and Accessible Urban Future for Us All*, Medium.com, 11 Apr. 2018, [medium.com/@victorpineda/diaud-network-during-world-urban-forum-9-kuala-lumpur-178e78da4ee2](mailto:medium.com/@victorpineda/diaud-network-during-world-urban-forum-9-kuala-lumpur-178e78da4ee2).  [11] Muhasebenews. “Disabled Women on Right Smileing at Camera Whilst Entering Car for Mobilely Disabled People from the Back.” *Does the SCT Arise in the Purchase of Vehicles for the Disabled (First Acquisition)?*, Muhasebe7News, 27 Mar. 2017, [www.muhasebenews.com/engellilerin-arac-aliminda-ilk-iktisabinda-otv-dogar-mi/](http://www.muhasebenews.com/engellilerin-arac-aliminda-ilk-iktisabinda-otv-dogar-mi/).  [12] INV, Author. “Considering a power wheelchair? – What you need to know” *INVACARE*, <https://www.passionatepeople.invacare.eu.com/power-wheelchair/> |