**Section: Programming (Advocate: Manish Gadhvi)**

**Provide a definition of what an algorithm is and outline the process in building an application.**

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| <https://github.com/kap14275819/Glossary-of-Tech-Terms/blob/master/README.md>  <https://github.com/kap14275819/Card-game-Project-2#flow-chart> |
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**Give explanations of what procedural, object orientated and event driven paradigms are; their characteristics and the relationship between them.**

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| <https://github.com/kap14275819/Glossary-of-Tech-Terms/blob/master/README.md#procedural> |
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**Write a program that implements an algorithm using an IDE.**

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| <https://github.com/kap14275819/Card-game-Project-2/blob/master/card%20game>  <https://repl.it/@kap14275819/card-game> |
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**Explain the debugging process and explain the debugging facilities available in the IDE.**

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| <https://github.com/kap14275819/Glossary-of-Tech-Terms/blob/master/README.md#debugging-process-and-debugging-facilities-available-in-the-ide> |
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**Outline the coding standard you have used in your code.**

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| <https://github.com/kap14275819/Card-game-Project-2/blob/master/README.md#coding-standards> |
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**Determine the steps taken from writing code to execution.**

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| <https://github.com/kap14275819/Card-game-Project-2/blob/master/README.md#process-of-implementation> |
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**Analyse the common features that a developer has access to in an IDE.**

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| <https://github.com/kap14275819/Card-game-Project-2/blob/master/README.md#ide-used-and-features> |
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**Use the IDE to manage the development process of the program.**

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| <https://repl.it/@kap14275819/card-game> |
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**Evaluate how the debugging process can be used to help develop more secure, robust applications.**

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| <https://github.com/kap14275819/Glossary-of-Tech-Terms/blob/master/README.md#debugging-process> |
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**Examine the implementation of an algorithm in a suitable language. Evaluate the relationship between the written algorithm and the code variant.**

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| <https://github.com/kap14275819/Card-game-Project-2/blob/master/README.md#evalutation> |
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**Critically evaluate the source code of an application which implements the programming paradigms, in terms of the code structure and characteristics.**

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| <https://github.com/kap14275819/Card-game-Project-2/blob/master/README.md#relationship-between-algorithm-and-code> |
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**Evaluate the use of an IDE for development of applications contrasted with not using an IDE.**

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| <https://github.com/kap14275819/Card-game-Project-2/blob/master/README.md#evalutation> |
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**Critically evaluate why a coding standard is necessary in a team as well as for the individual.**

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| <https://github.com/kap14275819/Glossary-of-Tech-Terms/blob/master/README.md#coding-standard-evaluation> |
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