**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/Oliver-Slape/Glossary-of-Tech-Terms/blob/master/README.md#-algorithm- |
| * Def in Glossary. Outline in Wiki |

**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/Oliver-Slape/Glossary-of-Tech-Terms/blob/master/README.md#--2 |
| * Def in Glossary |

**Write a program that implements an algorithm using an IDE.**

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| <https://github.com/Oliver-Slape/Project-001#-7>  <https://github.com/Oliver-Slape/Project-002#>  <https://github.com/Oliver-Slape/Project-003#>  <https://github.com/Oliver-Slape/Project-003/blob/master/README.md#ide> |
| * Flow chart or Pseudo code, screenshot of IDE. |

**Explain the debugging process and explain the debugging facilities available in the IDE.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links |
| * Process deff in Wik, Facilities in projects. |

**Outline the coding standard you have used in your code.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links |
| * Projects. Comments, var names, method names |

**Determine the steps taken from writing code to execution.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links |
| * Wiki |

**Analyse the common features that a developer has access to in an IDE.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links |
| * Wiki |

**Use the IDE to manage the development process of the program.**

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| <https://github.com/Oliver-Slape/Project-003/blob/master/README.md#ide>  <https://github.com/Oliver-Slape/Project-002#-process-of-implememntation-> |
| * Project (Process of implement) (Add screenshot) |

**Evaluate how the debugging process can be used to help develop more secure, robust applications.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links |
| * Wiki |

**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/Oliver-Slape/Project-002#-process-of-implememntation-> |
| * Project (Process if implement Eval) |

**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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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links |
| * Per Project |

**Evaluate the use of an IDE for development of applications contrasted with not using an IDE.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links |
| * Wiki |

**Critically evaluate why a coding standard is necessary in a team as well as for the individual.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links |
| * Wiki |