**Unit 4 - Activity 4 - Exploring Computer Science Creative Writing Assignment**

You are expected to write 250 to 300 words in paragraph form for your creative writing assignment answering each topic(s) provided.

1. Demonstrate an understanding of different emerging areas of research e.g cryptography, parallel processing Data mining, Artificial Intelligence, Robotics, Human Computer Interaction, Geographic Information system.
2. Demonstrate an understanding of area of collaborative research between computer science and another field (e.g., bioinformatics, geology, economics, linguistics, health informatics, climatology, sociology, art).
3. Describe essential skills and work habit that is important for computer studies as identified in Ontario Skills Passport.

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| Creative Writing | | | | |
| **Categories** | **Level 1 (50 - 59%)** | **Level 2 (60 - 69%)** | **Level 3 (70 - 79%)** | **Level 4 (80 - 100%)** |
| **Knowledge/ Understanding** | -demonstrates limited understanding of the material read | -demonstrates some understanding of the material read | -demonstrates considerable understanding of the material read | -demonstrates thorough understanding of the material read |
| **Thinking** | -makes inferences with limited effectiveness | -makes inferences response with some effectiveness | -makes inferences response with considerable effectiveness | -makes inferences response with a high degree of effectiveness |
| **Communication** | -establishes voice with limited effectiveness | -establishes voice with some effectiveness | -establishes voice with considerable effectiveness | -establishes voice with a high degree of effectiveness |
| **Application** | -uses proofreading strategies with limited effectiveness  -uses sentence craft with limited effectiveness | -uses proofreading strategies with some effectiveness  -uses sentence craft with some effectiveness | -uses proofreading strategies with considerable effectiveness  -uses sentence craft with considerable effectiveness | -uses proofreading strategies with a high degree of effectiveness  -uses sentence craft with a high degree of effectiveness |