Target for this cycle Choose an item.

Name: Click here to enter text.

**Compression**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | **What is lossy compression?** | |  | | **What is lossless compression?** | |  | | **When would you use lossy compression?** | |  | | **When would you use lossless compression?** | |  | |

**Exam Questions:**

|  |  |
| --- | --- |
| **Assessment** | |
|  | **3** |
|  | |
|  | **3** |
|  | |
|  | **2** |
|  | |
| How many bits does the following string have? It is sunny. | |
|  | |
| What is the problem with Unicode? | |
|  | |

**Huffman coding**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  | | --- | | **What is Huffman coding?** | |  | | **Why is it used?** | |  | |

**Run Length encoding**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  | | --- | | **What is Huffman coding?** | |  | | **Why is it used?** | |  | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Translators**  **Assembler, compiler and interpreter**   |  | | --- | | **What is an assembler?** | |  | | **What is a compiler?** | |  | | **What is an interpreter?** | |  | | **What are two advantages and disadvantages of an assembler?** | | |  |  | | --- | --- | |  |  | |  |  | | | **What are two advantages and disadvantages of a compiler?** | | |  |  | | --- | --- | |  |  | |  |  | | | **What are two advantages and disadvantages of an interpreter?** | | |  |  | | --- | --- | |  |  | |  |  | | |