Use the following resources to answer this worksheet:

* The “Computer Languages Presentation” in our Class GitHub under Topic A
* Search (google) using appropriate keywords to find the resources
* Other internet resources and on-line documentation

**Low Level Computer Languages**

1. Explain the purpose and main features of “Machine Code”.
2. Explain the purpose of Hexadecimal number representation and how it is related to binary and decimal numbers.
3. How would the binary number “1011” be represented in Hex?
4. Explain the purpose and main features of “Assembly Code”.
5. How is “Assembly Code” related to machine “Machine Code”?
6. Explain the concept of “portability”.

**High Level Computer Languages**

1. Explain the main features of “Procedure Based Languages”.
2. Explain how “Object Oriented Languages” compare to “Procedure Based Languages”?
3. What are some advantages of “Object Oriented Languages”?
4. What are some disadvantages of “Object Oriented Languages”?
5. How are “High Level Languages” related to “Assembly Code” and “Machine Code”.
6. Explain the steps required to convert a high level program into a program that can be directly executed on a computer processor.