1. What is Abstraction and why is it important?

Abstraction is the simplification of things by eliminating its attributes and keeping its essentials only. Abstraction makes what would have been complex come out as simple. One benefit of abstraction in programming is the efficiency of writing less code that perform efficient tasks.

An application of Abstraction can be found in Python, which is the print function. A code example of Abstraction is as follows;

Job1.Display()

The concept of Abstraction is to simplify long lines of codes to fewer ones. One way to create abstractions is the use of classes. Classes is a custom data type that defines attributes and methods making it easily accessible.