**Day 7\_Java Assignment**

**1. Problem Description:**

What is object-oriented programming (OOPs)?

**2. My Solution:**

OOPs refers to programming languages that utilize objects as the primary building blocks to implement code functionality. It has some key features such as class, object, encapsulation, inheritance, polymorphism, and abstraction. The advantages of object-oriented software development are as follows:

* Easy maintenance and modification.
* Reusability of code.
* Improved reliability and flexibility of code.
* Increased understanding of code.