Ai Tasks

**1 ) disadvantages of object-oriented programming:**

1. **Larger program size**: Object-oriented programs typically involve more lines of code than procedural programs.
2. **Slower programs**: Object-oriented programs are typically slower than procedure-based programs, as they typically require more instructions to be executed.
3. **Not suitable for all types of problems**: There are problems that lend themselves well to functional-programming style, logic-programming style, or procedure-based programming style, and applying object-oriented programming in those situations will not result in efficient programs.

**2 ) what is Multi threading**

**Multithreading is the ability of a**[**program**](https://www.techtarget.com/searchsoftwarequality/definition/program)**or an**[**operating system**](https://www.techtarget.com/whatis/definition/operating-system-OS)**to enable more than one user at a time without requiring multiple copies of the program running on the computer. Multithreading can also handle multiple requests from the same user.**

**3 ) what is Multi core programming:**

Multicore programming helps you create concurrent systems for deployment on multicore processor and multiprocessor systems

4 ) what is Memorization :

**an optimization technique that makes applications more efficient and hence faster**

**5 ) c++ framework in Ai :**

* TensorFlow. ...
* Caffe from Berkeley. ...
* Microsoft Cognitive Toolkit (CNTK) ...
* mlpack Library. ...
* SHARK Library. ...
* Armadillo. ...
* Faisis. ...
* OpenNN.