Task 4:

Would you use a class/library provided by an external framework in your code, why or why not?

There are always pros and cons associated with using class/library provided by external framework.

Before choosing any library we should consider below points.

- o How much popular is the library
- o Security of library
- o Dose library fulfill our projects requirement
- o Library correct license

- ➤ **Pros:**
  - o Most important benefit of using library is time saving. Do not need to develop functionality by own and you can focus on main business logic.
  - o Library/Classes are tested on every environment like linux ,windows and use cases also tested.
- ➤ **Cons:**
  - o Dependency on third party library. If your code need to switch library in case of upgrade or downgrade version of PHP at that time we need to do significate changes to integrate new library.
  - o In some case we cannot modify third party with our business requirement. We can only implement features that is provided by library.
  - o Speed performance down in some of case when multiple users connect with server and use of this library
  - o Some open source library are not secure to use in code.