Task 2: cases in which is preferable to use inheritance

In object-oriented programming, we can use inheritance when we know there is an "is a" relationship between a child and its parent class. Some examples would be:

* A person *is a* human.
* A cat *is an* animal.
* A car *is a*  vehicle.

In each case, the child or subclass is a *specialized* version of the parent or superclass. Inheriting from the superclass is an example of code reuse. To better understand this relationship.

Task 3: library does regular expression on data in Arabic







