- 7. LISP began as a pure functional larguage but gradually acquired more and more imparative lantures. My?
 - Mointaining the trait of a pure functional language became suitle as developers added futures that helped increase performance in certain tasks. In dring so USP no longer remained as a pure surctional language. This change of direction was due to USP being a florible and applicable language in various domain, which ancouraged its developers to experiment with new latures that will further extend its use.
- 12. Describe in your own words the concept of athologorality in programming language design of PL that Sollows the philosophy of arthologonality consists of small primative instruction sets that are contined to generate have complex functions. Each primative instructions has its writing functionality and the daeloped program is solely deformined by the continuous of these instructions which does not interfere with the others.
- 14. What one the appunds both for and against the iden of a typeless language

 Advocates A typess language is more Stexille as the user obesn't have to
 - manually designate types nor convort them. This is a huge advantage when the user doubs with complex data shadones that involve various data types.
 - Disadvantage Type stexibility means less headability thus the programmer on get more consisted.

 The performance of a typless language is worse because the constant type danging hinders performance.