Readability - ornale simplicity
- constructs
- featine multiplicity
- acetmpish samething in
multiple news
- operatin overloading
- single symbol-a multiple dyintlin

orthogranality. how small components can combine outcome 1 orons, 1 simplicity

tatatypes areguate alitity to dyme datatypes & structures

Syntax design , special winds (for 116) - inm & mining (appurana indication purpose)

Writability

from easily language con be used to create sprograms for chosin amount Simplicity + ofthe austraction

dyine & use Structures, allowing outails to be ignored , process supprogram underwith algorithm used various times (algor)

expressinty - convenient expressions - efficient

Reliability > performs to specifications of Certain conditions

type chelking 1x leptus of mulling allasing

1970s-proudure oriented to data-oriented methods 1980's - We get outted during

'MT trauning withy yourany computing grogramo optimination tolletion of techniques Compilers use to decrease size) incurse speed of code Language implementations system Typping, V We pory reliability program maintinance! potability ease of mining a program from implem to another applicable to diff appr Well-definedness. completenes & precision of large office doc LIMANAY OLL (mp frature languages distigned around in Numam anditecture > data from oper to memory trusmitty back from minny-stired Control mount Lurit 7 mit executed " jut on/execute style emguege Callgorio unperative fun stimal trans - rule based Mojur-monded

& Scripting (ac perl)

how languages are [emplimented + compaller - gast + warmpriter - ever catching + hyperstall - command some + paprocusors (promised bythe

Mapter 2

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