test prime -ss - different prime test from assignment - random kuys -salivan stranoman gerates # 64 radom - we've day miller-Rabin in " use gow multipreason to generate mandon -work utility functs riseru, isodal - power mad - Jacob: muhol - don't have to do -is poline · probalithe primales lest -run millipletime to increase accuracy "when you look @ number throng, you see hads shadow:" -pick radon of X ducket prime very is prime - demoity of primes is approxlogorommec - Carmeal pseudo prime rave - grafest comma diviser - O(u) = (ogn - erdidian algoration -least common multiple - house (mutiplicative) ax6=-1 · ones of col · mod n As

-write sem of vitlety
-writest w/ 64 bits, then replace as good multiprecisor-in python 100

Compilers:

IMSAI 8080 - press suntates for a delivers, then dates

-old verypteclary - 8, shows . s file w assembly, clay - E, shows preprocessor (-> prepracessor -> compler -> assembler -> linker -> CXE -Maeros & assuby object (sele Maroperouser patelus [] [] [] [] Compiler stypes: 1) bexton - lep/flep layrage 2) Syntaxo. duryes jut, ?, (, outs other syntals - Uses parse free , to analy see ignition "Worthaut sy mayor free -newsively thanksefree 3) Translator - translation to machine well from assembly - enules tokuns

4) Optimenation (1) Sterage asignment 6) (alle generation 2) Assembly phose

loader lives in operator system - alloades menory

- links resolus symbolie reflerences
- relocator changes necessary dependences
- Loady place madine cede à data luto process

Man exer

python, jour surpt - interpretal layer yo -translates like by line

interpreter - walks through syntax that & just don it

interpreted lapped as stone back is into perfect language