librarus you're Untasin linux come at ter you con do cc. / (function) -/m ? mport month library

Den't use math lib for lab 2

Numeral Methods

multiplication— Short + add

division— Short + subtract

addition— ex clusive or

to comple &n, cos, etc

-use taylor series

-wor terms sive you mere precision

todo x (flooty powt), use log

floating point modulus
- ter centering trig frections
(ep: 8m 4007i = 8m 27i

Pade Approximate
- generates a couple polynoments that don't need loops
- can put more terms to be more accumte

Harmonres cerdes - uptremely slaw

log isson

do it by musty ex serves

for JX or log (x) you ando a brown geerels be no loylar serves for JX -men speed ~750 opositions for 64 bots

- out wave in half, square it, check it it is less than X, it differ a ni thin some error, then it does to mutter, exit

Cado bette 5x2 = x -invet syvne function verenten , zerate -lose sepprex; meeter

beg:
- works within evle is number,
gets wend at the large values

in our algorithms, there are other operatums north observed time ess 540 = 25x  $\log(xe^{f}) - \log(x) + \log(e^{f})$ 

Cin we newton's without no mere try functions

Round oftenors
- happers ut al amost every Stout aperation
- trying to unite real # = as flowting points give you weight deviseds

addry & sitestracting floats of different magnitudes lose

10-H good epsilor servally (error value)

Relative error is relative to the values. very contral