2, History of python

-> lython is an interpreted programming language developed Couldo vas Russum at dutch programmer in 1800 the late 1990's as a hosby project at contrary Wisteund & enformatica in Netherlands. initially python had only a bue version and by time New version's were present. Al present pythen 3 vension Bring basebooks betrages down so

Compt 1 1, putter out to , not mayo conto co one - 8.8 "gir, Python as willed portrain which

in Python 3.x Python lix was the first version creleased en 1991 born

It lasted almost till 2000 who were version week released, Python lix came along with many Peatures such as. Tunctions, exception headling and also had come date types such as list, which, star etc. It was mainly focused on known for its simplicity of Readability, and this version uses by early 2000 by thete notable version nemed as python 1.6.

After python 1.x series then come python 2.x version which was oreleased by lete 2000's on out 2000 never model earn with a look of new improvement and her Peatures where it had lost compareher sions, Granding collection Caring oreference counting) and Unicode Support. The meyon difference it had be forom 1.x was better my management of support of complex apps. and this version ended by 'Jenuery 1 2020' and no · Longer supports with ills most stable version exter 2.4 & esidely used version as 0.7.

Eventhough 2.x colented till dolo gythun 3.x wes released on december 2008' and had for of features such as :

Jane.

* Better unicoch support (stor type stores unicode by default). a Empowed syntax & libertones betagastal as is nestly? " point is now a Punction (Points) x Type hinds, async - Pangaremming , I storings etc on about major difference form dix series was at that 3x yemion had no backward compatibility it required code changes. and six versions is the on that is still used exected and till date with its popular version as: 3.6 which supported intorduced fistorings 3.8 - 3.10 walrus operator, pattern matching, typing imponvenunt \$ 3.12 fester runtimes better corner messegu of 22 or clea vanting that supports Allow very - 1 3.x > is the only eather version represent todays and only Python hy come along onth meny Peatures suce on time tions, exception herding and also had core date diges such as best, she are the care minors housed es and the official about the property of new date of version com to so the milet version After gyllun in series this come gyllun 2.x remed as python 1.6. worsten earlies each of lete shop's on och shop The meser notes ever to be to all a toposens and here Perlams where it had east compacted some Courses or Penew Country) and Onice de

Wheele of code to do speed

Poros

- " Easy to beam : Simple syntax
- Versalile : used in Many type of app des
- I Tom of liborants of oresources. Huge Community
- must es. Os . coross platform : works on
- Readesh ende Industrition: Emphrice chem, Maintainesti
- librares: built to madels for almost any desh
- Integration Priendly ! whom well with other languages.

Cons

- coned of prod , Showen execution: ! Indeposed language and Past as C+1, on Jane
- High mly usage: Not ideal for mly benefical approx
- wheel in mobil computing: Planchy used for mobile apps.
- Runtime errors: Dynamic language, so bugs can appear at runtimes
- Mot great for mult threeding! Due to alotal interprete or beh Care). It golden
- * Mul ideal for low level programmy; tack direct accum to system
- slower exacting time: Can be implicated for shoot, quick running scripts on small apps.