phython Modules -Modules provide us with a way to share reusable functions. module is simply a 'phyton' file" which contains code we can neuse in muttiple phyton programs is A module may contain functions, closses surganua shivorge defudge at themans Modules in phyton can be of two types -· Built-in Modules - The still provident · user-defined Modules Built-in Modules in Phyton one of the many superpowers of phyton is that it comes with a "vich standard library". This wich standard: library contains lots of built-in modules. Hence, it provides a lot of reusable cade. To hame a few phylon contains modules like "os", "syp", "datetime", "roandom". you can import & use any of the built-in modules whenever you like in your pragram ii) User-Defined Modules in phytom - illing -Inother superpower of aphyton is that it lets you take things in your own hands

you can create your own functions and classes put them inside modules and voila: you can include hundred 5 of lines of code simple impost statement: * Advantages of comments in phyton advantages. - primary benefits are: -· Makes the code easily understandable by other programmers . The code becomes self-explanatory . I It is · Helps remember why we used a specific command, method, or function in the code sinter in Hold to . Enables the interpreter to ignore Some post of the code while testing. To helpe I few abulan contains toodules * Different Types of comments There are three types of comments -110 uch 1) Single -line 27 monti - lines of restuport bening to test 3> doestring comment wood sale admin. Out of spoint ship was the

i) single-line comment - Single-line comments begin with "#" character Anything that is written in a single line after '#' is considered as a comment. Syntax:-# comments here 2) MuHi-line comments: - phyton does not support multi-line comments. However, there are multiple ways to Overcome +475 Pssue. - None of these ways are technically multi-line comments, but you can use them as one. The frost way is by using # at the beginning of each line of the comment. The next way is by using string literals but not assigning them to any variables - To comment out multiple isnes in phyton you can prepend each line with hash (#) 3) docstoing comment yton Odocumentation storings provide a convenient way of associating - Phyton documentation with phyton modules functions, classes & methods. The docstorings are declared using "torple single quotes or "" torple double quotes below the class method declaration