MODULES. Moth Moduler The math module provides extensive mathematical functions for adaptions, trigo nome try Constants and more. Common Urager Do Mall pi: Provides Agan to the Value of Fi (3:14159) o mith sgrt (x); Calculator the aguar root of x. o math , Cout (x) . Round x up to the near art interger. · math floor (x): Round X down to the near art interger. . Ingonome tric Function , math vin(x) math cos (x) math tau (x) etc · Exponential and logarithmic function v. math. exp () math. log (x), etc. KAMDOM MODULES: The random module generator proudorandom numbers for Vanous purposes like simulations and games. random, seed (seed - Value): Set a second for more predictable random ness. = random . random (a, b) " Generate of random intergor between a Cincherice) and & Cincherite random random (): Generate a random floating-point number between 0.0 (Indusive) and 1.0 (excluses, random choice (sequence): disave a random demont from the given organice Chit, tuple, whing trandom only file (my my day, but time will not

Time and Date Modular. . time Module: Provides Functions For working with time Values. time Module ? Provides Function & For working with time Values. @ date +me . datotime ·nao() : Create a date +ime object representing the our out date and time o date time date time (year, month day hour minute second)? specific Components Ison Madule Functionality: Enables working with JSON (Java Script Object) data, a popular Format For data exchange. Common Olsages tin coding join dumps (data) & Converts a pathon object (diet, list etc) into a Jim Anny. 7 juon Joads (im-string): Convert a Joan string into a Success has a simple formular do your best, and people may like it.

Regular Expression Module:

Tenethona lity: Provider powerful tools for text

processing and pattern matching using regular expressions. · Common Usages re. Compile (pattern): Compile a Regular expression Pattern for efficiencionay. pattern - search ( string) & Search For the first occurance of the python anywhole in the viring. tettern, finds! ( thing). Find all non-overlapping occurrances of the pattern in the viring. pattern rub (replacement thing). Substitute You may delay, but time will not.