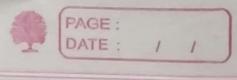
Ausignment -1 PAGE: hhat is python language? python is an interpreted, high-level, general-propo se programming language. Created by guido van Rossum and first released in 1991 It emphasizes code readability 2) What are the key features of python? Features of python are: Expressive hanguage Interpreted Language cross-platform hanguage Free and open Source object - objected hanguage Entersible portable Embedded How is python an interpreted language?

Python is called an interpreted language because it goes through an interpreter, which twens code you write into the language understood by

your computer's processon. How is python memory managed?

Meniony management in python involves a private heap containing all python objects and data structures. The management of this private heap is ensured internally by the python memory manager. 5) what is python path? pythonpath is an environment variable which you can set to add additional directories where python will look for midules and packages. 6) Inshat are the generations in python? - Generators are used to create iterators but with a different approach Generator are simple functions which return an iterable set of items, one at a time, in a special way hhen a gitteration over a set of item starts using the for statement, the



generator is run. F) Does python have opps concepts? > Yes! Python is an object - oriented programming language . along with the object oriented programming features such as inheritance, polypiosphism, abstraction, encapsulation. 8) Is python case sensitive? > Yes! Python is a case-sensitive language. This means, variable and names are case sensitive Python is dynamically typed, which means you dont need to declare what type each variable is. 9) How long can an identifier be in python? -> Identifiers are unlimited in leigth. But you'll be violating PEP-8 most likely, which is not really cool hemit all lines to a maximum of 79 characters. - ry you are currently in?

We use the getcod() method to find out

