I OCHSman Procedural Programming Drocedwal programming com be defined as a progresmoving mælet which is clevined from smetured progresmoving, based upon the concept of calling procedure. O Procedures, also Known as outines, subnoutines or functions, simply consist of a series of computational steps to be consisted and. During a program's execution, any given procedure might be called at my point, including by other procedure

or italf.

example OFORTRAN, ALGOL, COBOL, OBASIC Pascal and C. Object - Oviende of Recognamming Object-oriented programming com la defined as a perogramming model Trutich is based upon the concept of objects. Objects contain data in the from of attributes and code in the form of methods. O In object-oriented programming, computer, programs are designed rising the concept of objects that interact with the real world. Object-oriented programming languages en various but the most popular ones are class: - based, meaning that objects are Abrin Punes de classes, melich also determ someir types. Longueges useel in 00 PSZ OJava, C++, C++ gpython sousbood (O PHP, Javascript, Ruby, perl O Objective - C, Davit, swift, Scala.

Procedural Oriented Programming In procedural Oriented Programmy, is divided unto errall parts

rocedwal programming follows

mere there is no access
specifier in procedural
programming.

Adding new data and functions is not easy.

pp does nut have ony soper way of hiding data so it is less se cure.

In Pp, overloading is not possible.

In PP, those is no concept of data hiding and inheritance.

In procedural proportioning the function is made !

Procedeval perguanning, she function is more important them the data.

Pp is based on the unoical world.

Examples - C, FORTRAM,
Pascal, Basic etc.

Object - Oriented Programmy

The Object - oriented programmy

One program is Dividood

into small pasts 20000

botturn-up approach

abject-voiented programming has access specifiens like private, public, protected etc.

function is easy.

OOP provides data hiding so it is more secure.

possible in Opp.

In OOP, the concept of data hiding and inheritana is used.

In OOP data is more important taan function.

con the real-world.

Examples C++, Java, Python, (++ etc. The Object Ordented Programming organizes software design around date, or objects, outher than functions and logic. O An object can be defined as a data field in Roy unique attaibutes and behavior. OOOP focuses on the objects that developers to manipulate routness than the logic require What is the stouchure of object-croiented @ Classes - are ciser-defined data types that que as the buepoint individual objects, attoibutes Objects are instance of a class created with specifically defined data. Objects can corresp to real-world objects or an abstract entity. when class is defined initially, are description is the only object and is defined. Blethols are femchions that act on an object and com manipulates its data or perform actions on it. They are called using dot notation. With the object name followed by a period sol method rome. Methods age on impostant paut of abject-orient beskearereind zu bathen. 1 Attoibutes - is a a modifier on a meth declaration that specifies information that controls the method's use and behavior Adding son attoribute our a method declarate us also known as decorating a method's