1.what is software

- Types and Examples Software is a set of instructions, data or programs used to operate computers and execute specific tasks. It is the opposite of hardware, which describes the physical aspects of a computer. Software is a generic term used to refer to applications, scripts and programs that run on a device.

2.what are the types of application

Native Applications

- native applications are apps developed independently for Android and iOS. To create native apps you will need an expert team for Android app The development using Android Studio and another team for iOS app development using Swift.
- They are the applications that generate more costs since you need a development team for each of the platforms. They are more stable, fast, and secure.

Development time is around 6 months for a standard native application.

Hybrid Applications

- The hybrid applications are preferred by users because they can be developed with a single team. Once the code is developed, it is compiled for Android and iOS, saving costs and work time.
- Some of the most important frameworks currently in use for the design and development of hybrid applications are:

React Native: The most widely used framework to develop amazing mobile applications. Created by Facebook, it has become one of the most used by application developers. It allows to generate a framework in React to compile the work done on Android and iOS. Some of the famous apps developed with this technology are Facebook, Airbnb, WhatsApp, Instagram or Netflix.

Web Applications

- web-based application (Web App) is a program that is stored on a server to run in a web browser. Let's say that the internal part of control and One management of any web, is a web application. Unlike apps, they do not need to be downloaded to a device since they are accessed through the Internet.

- Web applications are used in business environments to create customized solutions. An example of this type of development are CRM or ERP systems for the digital management of the company.

3 what is programming

- Programming is the process of giving machines a set of instructions that describe how a program should be carried out. Programmers will spend their whole careers learning a variety of programming languages and tools so they can effectively build computer programs

4 what is python

- Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse. The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed.