22/03/19

Tarea 2

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Paradigmas de programación e ide’s

UNIDAD I Introducción a la programación

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**Definitions**

**Structured Programing**

It means that the code is based entirely on control execution. This means that every program is create, will have to execute successively instructions one by one. There are conditions, loops, and iterations. These types of structures make programs more clean, and easy to read on code.

**Visual Programing**

Is a Programing paradigm that develops software where graphic notations and components can be manipulate interactively. We can defined like visual expressions based on the other types of Programing paradigm's. Such as OOP or Structured programing.

**OOP**

Is programing paradigm where entities are expressed based on real life objects. This means that we instance objects and other entities such as Interfaces, or clases. Where we manipulate code to used in a particularly way.

**Programing Event Oriented**

Is a Programing paradigm where the structure and the programs are determinated, by the actions that occurred on the system. Defined by the user or that same user provoque them.

**Rapid Application Development**

Is a form of agile software development methodology. Where it emphasizes in strict planning, actions and testing. First, RAD figures requirements. Where the timeline is estimated, the general work, and the important task. The team will start to work on prototypes and improving. When the other steps are finish. The project will have to get user feedback, where the user has the privilege to test out the project. This to improve and create the best finished product. After the project is validated and improve almost 100%. Is important to test the project in different scenarios. To accomplish the project goal.

**IDE**

An IDE is an Integrated Develop environment, where the application is edit, compiled and debugged by it. These types of environments gives to programming languages a better time of execution. There are many types of IDE's, each one based on a Programing language in particular.

**Conclusions**

In order to create a great Application, the Software Developer needs to use the best programing paradigms. Depending on the task, the programmer will create multiples and efficient ways to resolve it.

RAD is a way of form of agile a Software Application, using this type of method. The project will accomplish efficiency and determination; when its out on the market.