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| **Key Concepts** | **Explore concepts' significance and relevance** | **Establish relevance, make sense and meaning -Find real-life contexts** | **Establish relevance, make sense and meaning -Find interdisciplinary connections** | **Engage in critical thinking** | **Technology, tools and techniques** | **Plan**  **project management** | **Project specification and sketch** |
| The key concepts of any programming language are  -Variables  -Control Structures  -Data Structures  -Syntax  -Tools  By complexity, more elevated amount dialects, for example, "C", C++, Pascal, Cobol, Python, Fortran, ADA and Java are called "ordered dialects". In an ordered dialect, the developer composes more broad directions and a compiler (an  extraordinary bit of programming) naturally interprets these abnormal state guidelines into machine dialect. The machine dialect is then executed by the PC. | -Code controls our computerized world. Each site, cell phone application, PC program, number cruncher and even microwave depends on code with a specific end goal to work. This makes coders the draftsmen and manufacturers of the computerized age.  - We are as of now living in a world overwhelmed by programming. Your phone brings go over programming controlled systems; your TV is conveyed over the web; individuals don't purchase maps any longer, they utilize the web; we as a whole shop on the web. | - My crucial conviction is that developers are no less worried for human interests than any other person on the planet; it's only difficult to make that your principle center in life when you spend a decent segment of your day pursuing down a missing semicolon... What's more, my extraordinary trust is that in the event that we battle against the impact of our unpleasant, low-level, dreary devices and progressively supplant them with things that make us feel nearer to the result of our work, then our tech-driven industry center will move forcefully and for all time to a human-driven viewpoint.  That’s where programming meets the real  world. | -Make it matter for understudies by interfacing software engineering to different fields, for example, **medication, the humanities**, and **media.** By indicating how software engineering ideas and aptitudes are utilized as a part of different fields, you can connect with understudies who might not have considered software engineering as a noteworthy or vocation.  Rest of the connections are **using programming to realize real human DNA** **files, Stereo Sound Processing** | Programming a PC to perform complex operations is most likely all the more requesting of basic speculation abilities.  ***First,*** before one can compose a PC program to accomplish something, one must comprehend what the program should fulfill.  ***Second****,* understudies must decide, in exact detail, how the goals dictated by the past stride might be proficient.  ***Third***,  Programming dialects are translated more formally and actually than for all intents and purposes some other dialect in presence. Sentence structure and semantics are unbendingly characterized. | Various coding tools are mentioned below:  -Koding  -Codepen  -Pastebin  -Pycharm  -Pylint  -QtCreator  -QtDesigner  Coding techniques used were as follows:  -Used .editorconfig for proper indentation(python can’t work without indentation).  -Use of comments to make the code understandable for someone who is reading it for the first time.  -Naming conventions are followed. Eg. A class name always begins with a capital letter.  -Code is precise, to the point, and clean. | Coding is an utmost important part of our project. Currently, we are done with 70 percent of the required coding part. Hence, at present, there are no deliverables in particular. But, a document containing the entire code, giving a proper description of each and every part, will be delivered.  **PISE-PBL Sub-Project 5: SE Sub-Subject 5 from October 3-6, 2015** | As mentioned above.  ---------do-------- |