Abstract

The name "object-oriented" has been used as an importance in modern years. Terminology calling "objects" and "oriented" in the recent sense of object-oriented programming made its first advent at MIT in the late 1950s. We hear about Object Oriented user interfaces, Object Oriented draw up, Object Oriented languages, etc. Object oriented concepts are playing main role in real life of users. We have listened about all the advantages of object orientation: good user interfaces, repetition of code, less development, and so on. The real life object oriented systems have presented the detail advantages of object oriented programming.

We research nowadays, the programming language widely used in education when learning the object-oriented is Java or any programming. While this language has proven as being good for industry, some drawbacks make it less appropriate for education. We the authors, Researches on teachers, students and society who are gaining the knowledge of OOP have facing lots of problem. In this research we contribute our lots effort to find solution for difficulty in understanding the concepts of Object Oriented Programming .The solution for this, to analyze the concept using e-learning module or technology .With help of e-learning, which is learn the concept by using internet or maintaining virtual classes. This would allow students to concentrate in the important issues of object-oriented programming.

For solving the problem of learning difficulties in rural and urban area in OOP we need to implement modern study approach to enhance education and solving learning difficulties. In present research we design computer based E-learning architecture techniques that use to solve the problem of learning difficulties. We simply analyses the overall object oriented understanding difficulties for all types of users like students, learners, teachers and programmer. In this research we analyze difficulties in Object Oriented Programming and finding solution on difficulties in Object Oriented Programming concepts using e-learning and giving better solution to society, release from the understanding harden of object oriented programming concepts.

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We communicate about stipulation for an object-oriented teaching language and analyzed how near different languages come to fulfill these demands. Of all the difficulties reported write up by educators connected to teaching object-orientation, difficulties with the environment used with most frequent. But main problem is object oriented programming difficult to understand for students and first time learners. Object-oriented programming, interactive and modular is three essential programming paradigms. Object Oriented Programming characteristics objects, inheritance and classes is adjustable for large real world applications. The interactive programming is not well understood by the experimental programming and fast prototyping is mostly valuable for problems. Modular programming is useful for smaller programs and big scale program development.

**Why we choose this topic?**

The many students, teachers or learners are not known deep about Object oriented programming language well and some other knows about only procedural programming language. Our research is useful to solve the problems occur in learning OOP to students and teachers. In my research showing the study of object oriented programming language and what difficulties occur object oriented programming language and overcome difficulties use E-learning technology module. In our research we takes assitive tools for growing the knowledge of students in OOP programming. That assitive tools cab be used online that is with help of E-learning tecnology. When first we see difficulties in understanding learning Object Oriented Programming(OOP) educational problems in our district area and decide to make research for improve learning understanding OO Programming in curriculum to students having different educational methodology or tools of E-learning or technologies like E-learning in our district. The students in rural and area are easy to learn educational concept but programming like OOP concepts have faced difficulties to learn. I also face the problem of understanding OOP when studying in 12th and graduation. That things motivate to me for doing research for student with learning difficulties to understand OOP and so I do research on rural and aslo in urban area educational institutions. The teachers also difficulties occure to teach concepts of OOP in easy manner. That’s why we adapt to research in given area of programming and E-learning technology tools techniques are used in implementation.