

| OOP | POP |
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| Procedure oriented programming | Object oriented programming |
| In pop, program is divided into small parts called fuction. | In oop program is divied into parts called object. |
| In pop , importance is not given to data but to function as well as sequence of action to be done. | In oop importance is given to the data rather than procedure or function because it works as a real world. |
| Pop follows top down approach. | Oop follows bottom up approach. |
| Pop does not have any access specifier. | Oop has access specifiers named public,private,protected etc. |
| In pop , data can move freely from fuction to function in the system. | In oop, object can move and communicate with each othe through member function. |
| To add new data and function in pop is not so easy. | Oop provides an easy wat to add data and fuction. |
| In pop,most fuction uses global data for sharing that can be accessed freely from function in the system. | In oop,data cannot move easily from function to function ,it can be kept public or private so we can control the access of data. |
| Pop does not have any proper way for hiding data so it is less secure. | Oop provides data hiding so privides more security. |
| In pop,overloading is not possible. | In oop, overloading is possible in the from of function overloading and operator overloading. |
| Example:- C language. | Example:- c++,java , .net. |