**Difference Between Procedure Oriented Programming (POP) & Object Oriented Programming (OOP)**

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|  | **Procedure Oriented Programming** | Object Oriented Programming |
| **Divided Into** | In POP, program is divided into small parts called **functions**. | In OOP, program is divided into parts called **objects**. |
| **Importance** | In POP, Importance is not given to **data** but to functions as well as **sequence** of actions to be done. | In OOP, Importance is given to the data rather than procedures or functions because it works as a **real world**. |
| **Approach** | POP follows**Top Down approach**. | OOP follows **Bottom Up approach**. |
| **Access Specifiers** | POP does not have any access specifier. | OOP has access specifiers named Public, Private, Protected, etc. |
| **Data Moving** | In POP, Data can move freely from function to function in the system. | In OOP, objects can move and communicate with each other through member functions. |
| **Expansion** | To add new data and function in POP is not so easy. | OOP provides an easy way to add new data and function. |
| **Data Access** | In POP, Most function uses Global data for sharing that can be accessed freely from function to function in the system. | In OOP, data can not move easily from function to function,it can be kept public or private so we can control the access of data. |
| **Data Hiding** | POP does not have any proper way for hiding data so it is **less secure**. | OOP provides Data Hiding so provides **more security**. |
| **Overloading** | In POP, Overloading is not possible. | In OOP, overloading is possible in the form of Function Overloading and Operator Overloading. |
| **Examples** | Example of POP are : C, VB, FORTRAN, Pascal. | Example of OOP are : C++, JAVA, VB.NET, C#.NET. |