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| Object Oriented vs Procedural | |
| Procedure Oriented Programming | Object Oriented Programming |
| Takes on the top-to-bottom approach | Takes on the bottom-to-up approach |
| Splits the tasks into modular forms (functions). | Splits the tasks into objects that can be reused into other task. |
| Primary focus on Functions | Primary focus on data |
| Emphasis is on doing things. (procedure) | Emphasis is on data rather than procedure. |
| Larger programs are divided into smaller programs known as functions | Larger programs are divided into smaller programs known as objects. |
| Data move openly around the system from function to function | Data is hidden and cannot be accessed by external functions. |
| Languages like COBOL, Fortan, C | Languages like C++ |
| Does not model real world problems. | It models real world problems. |

**Procedural Programming vs Object-Oriented Programming**

Below are some of the differences between procedural and object-oriented programming .