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| Difference Between Procedural and Object-Oriented Programming | |
| Procedural-Oriented Programming | **Object-Oriented Programming** |
| It is a procedural model-oriented programming language. | It is an object model-based programming language. |
| It is known as POP | It is known as OOP. |
| Top-down approach. | Bottom-up approach. |
| Access modifiers are not supported. | Access modifiers are supported. |
| Functions are preferred over data. | Security and accessibility are preferred. |
| Runs faster than OOP. | Runs slower than POP. |
| If the size of the problem is small, POP is preferred. | If the size of the problem is big, OOP is preferred. |