|  |  |
| --- | --- |
| OOP | POP |
| * Focuses on objects, which encapsulate data and functions. | * Focuses on procedures or functions. |
| * Data is closely tied to functions that operate on it. | * Data and functions are separate entities. |
| * Data is protected through encapsulation. | * Data can be accessed freely by any function. |
| * Bottom-up approach to problem-solving. | * Top-down approach to problem-solving. |
| * More secure due to data hiding. | * Less secure as data is not protected. |
| * Examples of languages: Java, Python, C++, C#. | * Examples of languages: C, Pascal. |