3. What is the difference between OOP & POP?

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| Object-Oriented Programming | Procedural Oriented Programming |
| A programming paradigm based on the concept of objects, which contains data in the form of fields know as attributes, and code in the form of procedure known as methods. | A programming paradigm that is based upon the concept of the procedure calls. |
| Divides the program into multiple objects. | Divides the program into multiple functions. |
| Objects communicate with each other by passing messages. | Functions communicate with each other by passing parameters. |
| It is possible to hide data. | There is no data hiding mechanism. |
| Languages – C++, Java, Python, etc. | Languages – C, Pascal, FORTRAN, COBAL, etc. |