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| **Paradigm** | **Task** |
| **Procedural** | Enter mart, Take trolley, shopping, go to Counter,  Receive and pay bill, get receipt items etc |
| **OOP** | Counter, Staff, items  Counter Attributes: sales, payment, receipt  Methods: Totalsales(), cash(), generate\_bills()  Staff Attribute: Names, Age, Department  Methods: Status(), Qualification(), Salary()  Items Attribute: Types, Stock, Vendor  Methods: Price(), Total stock(), available stock() |
| **Functional** | List of items take/purchase |
| **Declarative** | List of all items available in mart and Staff. |
| **Logic** | Rule: all items are available but purchase the grocery items. Query: purchase grocery items. |
| **Event-Driven** | Event: we go to counter and make the bill of items. Action: we receive bill |
| **Concurrent** | Multiple action doing simultaneously (searching grocery items, dragging trolley, collecting different items at a time). |

**Three real life examples**

**Example 1: Student**

**Attributes: Class, Name, Age**

**Method: Totalstudent(), age()**

**Example 2: Teacher**

**Attribute: Name, qualification, salary**

**Method: qualification(), salary()**

**Example 3: Chef**

**Attribute: Name, qualification**

**Method: taste()**