**DerivedQueries**

Product{

Long id

String productName

double price

}

// productName is unique

Optional<Product>findByProductName(String value)

// product name is not unique

List<Product>findByProductName(String value)

//limiting result to 10 by price

List<Product> findTop10ByPrice()

**Equality**

List<Product> findByProductNameIs(String name)

List<Product> findByProductNameIsNot(String name)

List<Product> findByProductNameIsNull()

List<Product> findByProductNameIsNotNull()

**Similarity**

List<Product> findByProductNameStartingWith(String prefix)

List<Product> findByProductNameEndingWith(String suffix)

List<Product> findByProductNameContaining(String middle)

//pattern can be sa%ng

List<Product> findByProductNameLike(String pattern)

**Comparison Condition**

List<Product> findByPriceGreaterThan(double price)

List<Product> findByPriceGreaterThanEqual(double price)

List<Product> findByPriceBetween(double startPrice, double endPrice)

List<Product> findByPriceIn(Collection<Double>prices)

List<Product> findByLaunchDateAfter(LocalDateTime launchDate)

**Order**

List<Product> findByProductNameOrderByPrice(String name)

List<Product> findByProductNameOrderByPriceDesc(String name)

**Multiple Fields**

// and query for two fields

List<Product> findByProductNameAndCategory(String name, String category )

//or queries for 2 fields

List<Product> findByProductNameOrCategory(String name, String category )