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**Kode : FSDO003ONL002**

**Tools : SQL Server 2019**

**Database Diagram**

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1. Customers

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| CREATE TABLE Customers(  customerNumber varchar(10) PRIMARY KEY,  customerName varchar(30) NULL,  contactLastName varchar(10) NULL,  contactFirstName varchar(10) NULL,  phone varchar(15) NULL,  addressLine1 varchar(100) NULL,  addressLine2 varchar(100) NULL,  city varchar(20) NULL,  state varchar(20) NULL,  postalCode varchar(10) NULL,  country varchar(20) NULL,  salesRepEmployeeNumber varchar(10) FOREIGN KEY  REFERENCES Employees(employeeNumber),  creditLimit int NULL  ) |

1. Product

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| CREATE TABLE Product(  productCode varchar(10) PRIMARY KEY,  productName varchar(10) NULL,  productLine varchar(20) FOREIGN KEY  REFERENCES Productlines(productLine),  productScale varchar(20) NULL,  productVendor varchar(50) NULL,  productDescription text NULL,  quantitylnStock int NULL,  buyPrice int NULL,  MSRP varchar(20) NULL  ) |

1. Productlines

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| CREATE TABLE Productlines(  productLine varchar(20) PRIMARY KEY,  textDescription text NULL,  htmlDescription text NULL,  image varchar(50) NULL  ) |

1. Orders

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| --- |
| CREATE TABLE Orders(  orderNumber varchar(10) PRIMARY KEY,  orderDate DATE NULL,  requiredDate DATE NULL,  shippedDate DATE NULL,  status varchar(15) NULL,  comments varchar(100) NULL,  customerNumber varchar(10) FOREIGN KEY  REFERENCES Customers(customerNumber)  ) |

1. OrderDetails

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| --- |
| CREATE TABLE OrderDetails(  orderNumber varchar(10) FOREIGN KEY  REFERENCES Orders(orderNumber),  productCode varchar(10) FOREIGN KEY  REFERENCES Product(productCode),  quantityOrder int NULL,  priceEach int NULL,  orderLineNumber varchar(10) NULL,  ) |

1. Payments

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| CREATE TABLE Payments(  customerNumber varchar(10) FOREIGN KEY  REFERENCES Customers(customerNumber),  checkNumber varchar(10) PRIMARY KEY,  paymentDate DATE NULL,  amount int NULL,  ) |

1. Employees

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| --- |
| CREATE TABLE Employees(  employeeNumber varchar(10) PRIMARY KEY,  lastName varchar(10) NULL,  firstName varchar(10) NULL,  extension varchar(30) NULL,  email varchar(50) NULL,  officeCode varchar(10) FOREIGN KEY  REFERENCES Offices(officeCode),  reportsTo varchar(30) NULL,  jobTitle varchar(30) NULL  ) |

1. Offices

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| --- |
| CREATE TABLE Offices(  officeCode varchar(10) PRIMARY KEY,  city varchar(20) NULL,  phone varchar(15) NULL,  addressLine1 varchar(100) NULL,  addressLine2 varchar(100) NULL,  state varchar(20) NULL,  country varchar(20) NULL,  postalCode varchar(10) NULL,  territory varchar(20) NULL  ) |