# Directions

1. Complete the following steps.
2. Screenshot where directed.
3. Submit to Blackboard.

## Tasks

* create the products database with the following options (create the c:\database and c:\logs folder first)
  + store the data files in the c:\database folder
  + store the log files in the c:\logs folder
  + Set the initial size of each file to 20 MB
  + **screenshot** the creation code
* Create these tables using the correct field type and size
  + For each table create the primary keys, and the foreign key constraints
  + Screenshot each working create code
* Insert 5 records into each table. You need to insert data into the one side of the one to many relationships first. Screenshot proof
* Build the ER diagram and screenshot the diagram

### tblManager

|  |  |  |
| --- | --- | --- |
| Field name | Data type requirements | constraints |
| mgrID | Around 25 managers with a 4-character alphanumeric ID | Not null primary ID |
| mgrFname | Multinational names must support Unicode characters  25 characters in length | Not null |
| mgrLname | Multinational names must support Unicode characters  50 characters in length |  |
| mgrLevel | Integer value from 1 to 10 | Between 1 and 10 |

## **tblCategory**

|  |  |  |
| --- | --- | --- |
| Field Name | Data type requirements | constraints |
| catID | Less than 100 categories | Primary key not null |
| catName | American names, 100 characters, do not conserve space | Not null |
| catManager |  | Foreign key to tblManager(mgrID) |

## **tblProduct**

|  |  |  |
| --- | --- | --- |
| Field Name | Data type requirements | constraints |
| productID | Hundred of thousands product ID’s - stored as an integer | Primary key not null |
| productName | American names only - 50 characters - conserve space | Not null |
| productPrice | Money | Between .01 and 10000 |
| productCategory |  | Foreign key to tblCategory based on catID |

A screenshot of a computer code

Description automatically generated  
A computer code with black text

Description automatically generated with medium confidence  
A screenshot of a computer

Description automatically generated  
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Description automatically generatedA computer screen shot of a computer screen

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