Rachid Bodson Homework2

Question 1

A screenshot of a cell phone

Description automatically generated

Question 2

1. Output:

Animal\_name

|  |
| --- |
| Camel |
| Zebra |
| Snake |
| Lion |

1. Output:

Name

|  |
| --- |
| Morris |
| Peter |

1. Output:

Keeper#

|  |
| --- |
| 102 |

1. Output:

Keeper# Name Animal\_name

|  |  |  |
| --- | --- | --- |
| 100 | Morris | Camel |
| 100 | Morris | Snake |
| 100 | Morris | Lion |
| 101 | Darwin | Zebra |
| 103 | Peter | Snake |

Question 3

1. **Result 🡨 𝝥Supplier\_name (𝛔City = ‘Boston’ (SUPPLIER))**
2. **T1 🡨 𝝥Supplier\_id ((𝛔Part\_id = 12 (PART)) \* SHIPMENT)**

**Result 🡨 𝝥Supplier\_name (T1 \* SUPPLIER)**

1. **T1 🡨 𝝥Part\_id (𝛔Color = ‘red’ (PART))**

**T2 🡨 𝝥Supplier\_id (T1 \* SHIPMENT)**

**Result 🡨 𝝥Supplier\_id, Supplier\_name (T2 \* SUPPLIER)**

1. **T1 🡨 𝝥Supplier\_id (SUPPLIER)**

**T2 🡨 𝝥Supplier\_id ((𝛔Part\_id = 12 (PART)) \* SHIPMENT)**

**T3 🡨 T1 – T2**

**Result 🡨 𝝥 Supplier\_name (T3 \* SUPPLIER)**

1. **Result 🡨 F COUNT (Supplier\_id, Part\_id), AVERAGE Quantity (SHIPMENT)**
2. **Result 🡨 Supplier\_id F COUNT Part\_id, AVERAGE Quantity (SHIPMENT)**