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| Assignment 1004 | |
| Name | Tamarraw Redfern |
| Date | September 26th Class |
| Assignment | 1. Write SQL script to Declare two numbers and Print 2. Write the difference between Decimal and Numeric 3. Write difference between Float and Real 4. Write four data types 5. Practice thru Task 5 and send screenshots from T-SQL Querying email |

1. **Write SQL script to Declare two numbers and Print**

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| SQL Scripts |
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1. **Difference between Decimal and Numeric**

My research shows that there is no difference between decimal and numeric. Functionally numeric is identical to decimal. Decimal storage size is 5 to 17 bytes depending on precision. Numeric is functionally equivalent to the decimal data type.

1. **Difference between FLOAT and REAL**

The only difference I came up with is the precision.

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| Data Type | Description | Storage Size | Precision (Digits) |
| Float | Used to store approximate values and not exact values. | 8 Bytes | 15 digits |
| Real | A single-precision floating-point number. | 8 Bytes | 7 digits |

1. **Data type categories**

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| STRINGS | INTEGERS |
| 1. CHAR 2. VARCHAR 3. NCHAR 4. NVARCHAR | 1. BIT 2. TINYINT 3. SMALLINT 4. INT 5. BIGINT |
| DECIMAL | **DATE** |
| 1. FLOAT 2. DOUBLE 3. DECIMAL | 1. DATE 2. TIME 3. DATE+TIME 4. SMALLDATETIME |

1. **Practice T-SQL Querying thru Task 5**

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| Task 1  Select \* from Employee ORDER BY Salary |
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| Task 2  Select Count (\*) from Employee |
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| Task 3  Select \* from Employee WHERE Department='IT' |
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| Task 4  Select DISTINCT Department from Employee |
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| Task 5  Select \* from EMPLOYEE where Salary BETWEEN 20000 AND 30000 |
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