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| Assignment 1005 | |
| Name | Tamarraw Redfern |
| Date | September 28th Class |
| Assignment | 1. Write any 15 attributes of employee and list down which values will be unique for every employee (don’t have to create a table) 2. Write the 5 constraints discussed in the class and write the points for each constraint as well. 3. Create a table having all the constraints discussed in the class. Put the created table script. |

1. **Write any 15 attributes of an employee and list which values will be unique for every employee.**

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| --- | --- | --- |
|  | Attributes | Unique |
|  | Passport | Yes |
|  | Zip Code | No |
|  | Phone Number | No |
|  | First Name | No |
|  | Last Name | No |
|  | DOB | Yes |
|  | Street Address | No |
|  | City | No |
|  | Social Security | Yes |
|  | Job Title | No |
|  | Driver’s License | Yes |
|  | Employee ID | Yes |
|  | Salary | No |
|  | Email Address | Yes |
|  | State | No |

1. **Write the 5 constraints discussed and the points for each constraint.**

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| Constraints | Description |
| Primary | 1. A table will only have one Primary key 2. A Primary key is used to uniquely identify a particular row 3. A table can have only one primary key 4. Primary key will not allow NULL values 5. Primary key will not allow duplicate values |
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| Unique | 1. Will not allow duplicate values 2. A table can have more than one Unique key 3. Unique key allows NULL value, but only once |
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| Not Null | 1. Prevents NULL values 2. Will not check for unique values 3. Will allow duplicate values 4. Enter a combination of Unique and NULL |
|  |  |
| Check | 1. Used to restrict the data based on a condition 2. Age INT CHECK (AGE>15) |
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| Default (not a constraint) | 1. When inserting records, they should be in same sequence |

1. **Create a table having all the constraints and put the created table in script.**

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| --- | --- |
| Constraints | Description |
| Primary |  |
|  |  |
| Unique |  |
|  |  |
| Not Null |  |
|  |  |
| Check |  |
|  |  |
| Default (not a constraint) |  |