**Bytewise fellowship**

**Week #2 (Task # 5 )**

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| No | **Data types** | **Description** | **Maximum size** |
| 1 | INT(size) | A medium interger . the size parameter specifies the maximum display width which is 255. |  |
| 2 | CHAR | A FIXED length string (can contain letters, numbers, and special characters). The size parameter specifies the maximum string length in characters -can be from 0 to 255 . default=1 | 8000 characters |
| 3 | VARCHAR | A VARIABLE length string (can contain letters, numbers, and special characters). The size parameter specifies the maximum string length in characters can be from 0 to 65535 | 1,073,741,824 characters |
| 4 | TEXT | Holds a string with a maximum length of 65,535 bytes. | 2GB of text |
| 5 | REAL | Floating precision number data . | 4 byte |
| 6 | DECIMAL(size,d) | Exact fixed point number. Total no of digits are specified into size parameter and decimal points are specified in d . | 5-17 bytes |
| 7 | FLOAT(p) | Floating point number. P is used to know whether use float or double.if  P ranges are (0-24 Float and 25-53 double) | 4 or 8 bytes |
| 8 | DATETIME | Used for automatic initialization and updation of current date and time  Format: YYYY-MM-DD hh:mm:ss | 8 byte |
| 9 | XML | Stores XML formated data. | 2 GB |
| 10 | BINARY | Equals to CHAR but stores binary bytes strings. The size parameter specifies the column length in bytes. Defaault=1 | 8000 bytes |

**(Task # 6 )**

