

DBMS LAB

Practical-1

AIM: To study about Oracle data types

Code	Data Type	Description
1	Varchar 2 (size[Byte/char])	Variable length character string having maximum length, size bytes or characters. Minimum size = 1 byte, Maximum size = 32767 bytes(extended), 4000 bytes(standard)
1	N varchar 2 (size)	Variable length Unicode character string having maximum length size character
2	Number [(P, [,S])]	Number having precision scale S. The precision P can range from 1 to 38. The scale S can range from 84 to 127. Both precision & scale are decimal digits value range is 1-22 bytes
8	Long	Character data of variable length upto 2 GB
2	Float [(P)]	A subtype of the number data type having precision of P. Represents internally as number range is from 1 to 126 binary digits
12	Date	Valid fate range from January 1, 4712 BC to December 31, 9999 AD. The size is fixed at 7 bytes. This data type contains the database fields YEAR, MONTH, DAY, HOUR, MINUTE, SECOND
23	RAW (size)	RAW binary data of length size bytes. Maximum size = 32767 bytes, 2000 bytes(standard)
96	Char [(size[Byte/char])]	Fixed length character data of length size bytes Maximum size is 2000 bytes. Default size is 1 bytes
96	N char [(size)]	Fixed length Unicode character string having maximum length size character
113	BLOB	A binary large object. Maximum size 4 GB
114	BFILE	Contains a locator to a large binary file stored outside the database. Maximum size 4 GB
119	JSON	Maximum size is 32 MB
252	BOOLEAN	The Boolean datatype comprise the distinct truth values TRUE & FALSE. Unless prohibited by not NULL constraints, the Boolean datatype also supports the truth table UNKNOWN as the null value.