

Task 1

How can we store large-object types?

The large object (LOB) data types can store large amounts of binary and character data.

The CLOB, NCLOB, and BLOB types are sometimes referred to as internal LOB types, and the BFILE type is sometimes referred to as an external LOB type.

Character large objects (CLOBs)

Use the CLOB data type to store SBCS or mixed data, such as documents that contain single character set. Use this data type if your data is larger (or might grow larger) than the VARCHAR data type permits.

Double-byte character large objects (DBCLOBs)

Use the DBCLOB data type to store large amounts of DBCS data, such as documents that use a DBCS character set.

Binary large objects (BLOBs)

Use the BLOB data type to store large amounts of noncharacter data, such as pictures, voice, and mixed media.

If your data does not fit entirely within a data page, you can define one or more columns as LOB columns. An advantage to using LOBs is that you can create user-defined functions that are allowed only on LOB data types.

For example:

```
book_review clob(10KB)
```

```
image blob(10MB)
```

```
movie blob(2GB)
```