الاسم : قائد احمد جابر الابرقي التخصص : هندسة برمجيات

* what is a sliver ?

In Flutter a Sliver is a portion of the visible area of a scrollable widget It is used to achieve advanced scrolling effects and create complex scrolling layouts

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* How is designed listview using a sliver ?

To design a ListView using a Sliver

```dart

CustomScrollView(

slivers: <Widget>[

SliverAppBar(

title: Text('Sliver ListView Example'),

expandedHeight: 150,

flexibleSpace: Image.asset(

'assets/image.jpg',

fit: BoxFit.cover,

),

),

SliverList(

delegate: SliverChildBuilderDelegate(

(BuildContext context, int index) {

return ListTile(

title: Text('Item $index'),

);

},

childCount: 20,

),

),

],

);

```