## Task3

```
1 //tai33
2 // iwite DataFrame-based Spark code to find the number of distinct worder by the file moders.cov
3 dfl.select("title")-distinct().comet() //selecting the distinct worder title and cometing thes

**O | Spark holds

**Command to all titles |
```

# Task 4

```
i //task

2 //brits Detaframe-based Spark code to find the titles of the modes that appear in the file modes,cov but do not have a rating in the file mode,gratings.cov.

3 wid #7564 = #ff.adtColembessandTitle", "pin_title")// remediate that title is mode_grating in the file modes_cov but do not have a rating in the file modes_cov.

4 #7564/ColembessandTitle", "pin_title")// remediate that is not title column with modes and move_rating dataframe. showing the title as output

#8 #7564/ColembessandTitle", "pin_title")// remediate that is not title column with modes and move_rating dataframe. showing the title as output

#8 #7564/Column on_appache open.column.column on_column on_co
```

# Task 5

## Task 6

```
1 //Total
2 //Point Districts—least Spark code to find the intal number of district modes that appear in eliber modes.com, or mode_religious, or both.
3 //Spin Districts—least Spark code to find the intal number of district modes that appear in eliber modes.com, or mode_religious, or both.
3 //Spin Districts—(intitit) // Outer justice; // Outer justice; // Outer justice; title and shoulding the district title count as output
4 (Spin Author)
4 (Spin Author)
5 (Spin Author)
6 (Spin Author)
7 (Spin Author)
7 (Spin Author)
8 (Spin Author)
8
```

# Task 7



## Task 8

```
| //track | //tr
```

## Task 9

```
1 //taxis
2 // Write Design-see-based spark code to find the highest-vated mode per year and include all the actors in that mode, the output thould have only one mode garry year, and it should contain four columns; year, mode title, rating, and a list of actor names. Sort the output by year. I val included the columns of the columns o
```

#### Task 10

```
| //Task80 | 1 //Task80 | 2 //Parks Enderton-shortd Speck code to determine which pair of entry, world regarder may not enterly be supported by saining to get the tap parks the park of entry of the code in determining with by raining to get the tap parks and the code of the code of
```