```sql
--Task1:
--Show the first 10 values from the table
select * from spacex_2  limit 10
--Task2:
--Show the first 5 rows where the name of the launch site starts with CCA
select distinct  [Launch Site]  from spacex_2 where [Launch Site]  like 'CCA%' limit 5
--Task3:
--Create a table for the pay load mass for NASA (CRS)
select   ([Payload Mass (kg)]) as mass_CRS  into mass from spacex_2 where Customer='NASA (CRS)'
--Change the type of the mass to integers so I can find the sum
select CAST ( mass_CRS AS int) as mass_NASA into mass_NASA from mass
--Finding the total of pay load mass in (kg) for the boosters that were launched by NASA (CRS)
select sum(mass_NASA) from mass_NASA
--Task4:
--Create a table for the pay load mass for version F9 v1.1
select   ([Payload Mass (kg)]) as mass_F9_v1  into mass_f9 from spacex_2 where [Booster Version]='F9 v1.1'
--Change the type of the mass to integers so I can find the sum
select CAST (mass_F9_v1 AS int) as mass_F9_v1 into mass_f9_v11 from mass_f9
--Finding the total of pay load mass in (kg) for Booster Version F9 v1.1
select avg(mass_F9_v1) from mass_f9_v11
--Task5:
--List the date when the 1st successful outcome in ground pad was achieved
select min(Date) from spacex_2 where [Landing Outcome]='Success (ground pad)'
--Task6:
select ([Booster Version]) from spacex_2 where [Landing Outcome]='Success (drone ship)' and [Payload Mass (kg)]>'4000' and [Payload Mass (kg)]<'6000'
--Task7:
select count([Mission Outcome]) from spacex_2 where [Mission Outcome] like 'Success%'
select count([Mission Outcome]) from spacex_2 where [Mission Outcome] like 'Failure%'
--Task8:
select ([Booster Version])  from spacex_2 where [Payload Mass (kg)]=(select  max([Payload Mass (kg)])   from spacex_2)
--Task9:
select [Landing Outcome],[Booster Version], [Launch Site] from spacex_2 where  [Landing Outcome]='Failure (drone ship)' and [Date]   between '1/1/15' and '31/12/15'
--Task10:
select  [Landing Outcome], count([Landing Outcome]) as count_  from spacex_2  group by [Landing Outcome] order by count_ desc
```