In [1]:

```python
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
%matplotlib inline
```

In [2]:

```python
df = pd.read_csv("car_crashes.csv",sep=",")
```

In [3]:

```python
df.head()
```

Out[3]:

	total	speeding	alcohol	not_distracted	no_previous	ins_premium	ins_losses	abbrev
0	18.8	7.332	5.640	18.048	15.040	784.55	145.08	AL
1	18.1	7.421	4.525	16.290	17.014	1053.48	133.93	AK
2	18.6	6.510	5.208	15.624	17.856	899.47	110.35	AZ
3	22.4	4.032	5.824	21.056	21.280	827.34	142.39	AR
4	12.0	4.200	3.360	10.920	10.680	878.41	165.63	CA

In [4]:

```python
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 51 entries, 0 to 50
Data columns (total 8 columns):
 #   Column          Non-Null Count  Dtype
---  ------          --------------  -----
 0   total           51 non-null     float64
 1   speeding        51 non-null     float64
 2   alcohol         51 non-null     float64
 3   not_distracted  51 non-null     float64
 4   no_previous     51 non-null     float64
 5   ins_premium     51 non-null     float64
 6   ins_losses      51 non-null     float64
 7   abbrev          51 non-null     object
dtypes: float64(7), object(1)
memory usage: 3.3+ KB
```
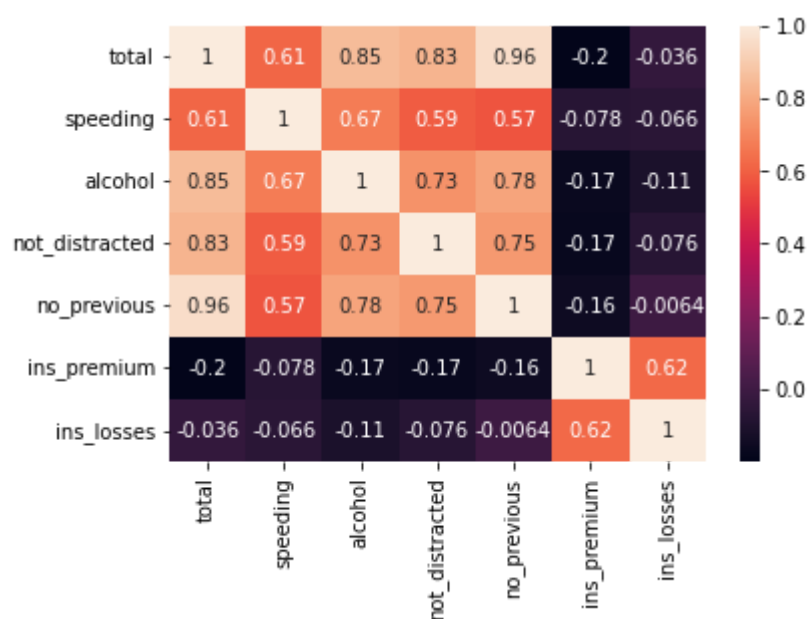
In [5]:

```
sns.pairplot(df)
```

Out[5]:

<seaborn.axisgrid.PairGrid at 0x1b9372bb280>

In [6]:
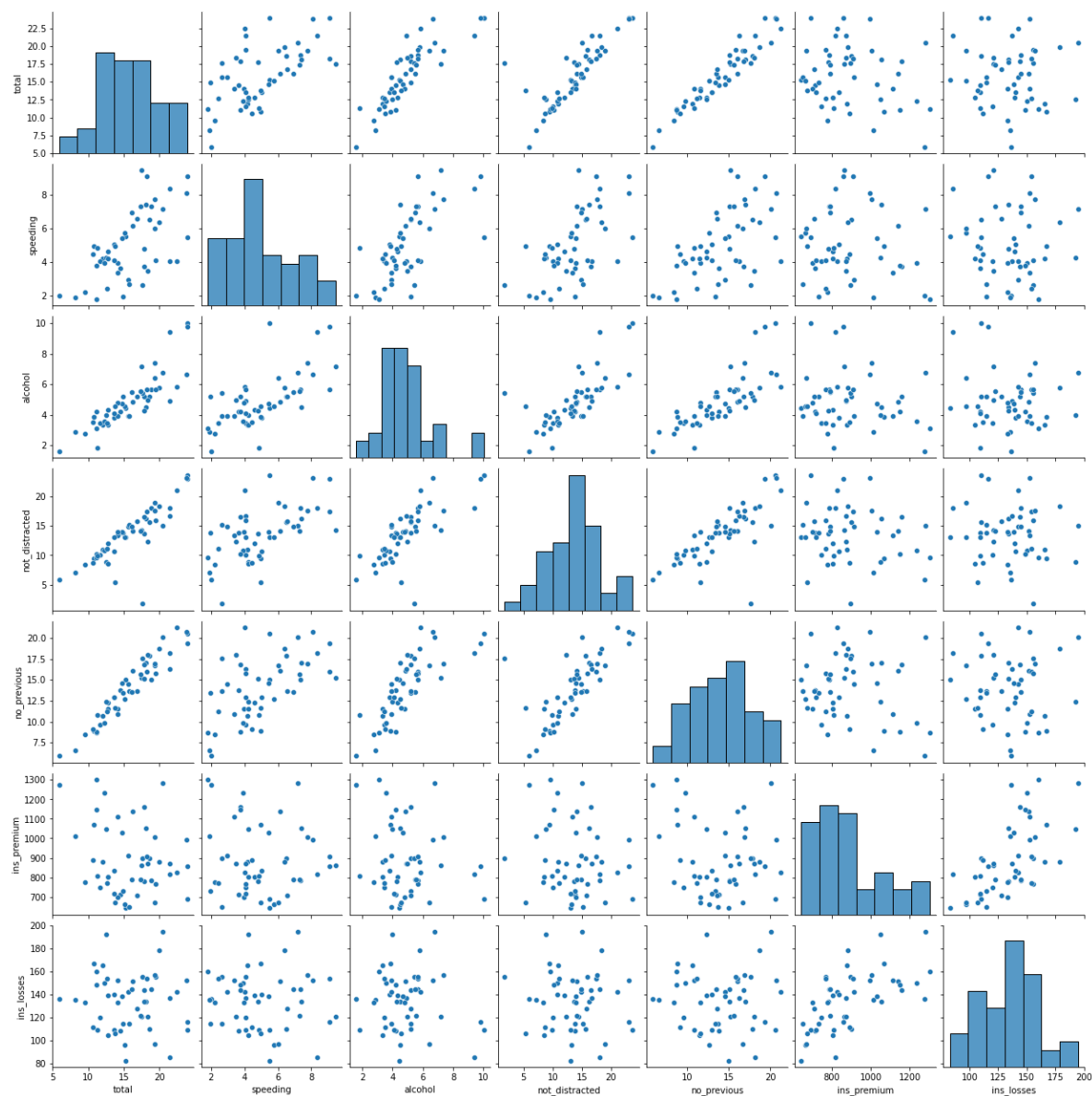
```python
sns.heatmap(df.corr(),annot=True)
```

Out[6]:

<AxesSubplot:>

In [7]:

```python
sns.jointplot(x='alcohol',y='speeding',data=df,kind='reg')
sns.jointplot(x='alcohol',y='no_previous',data=df,kind='reg')
```
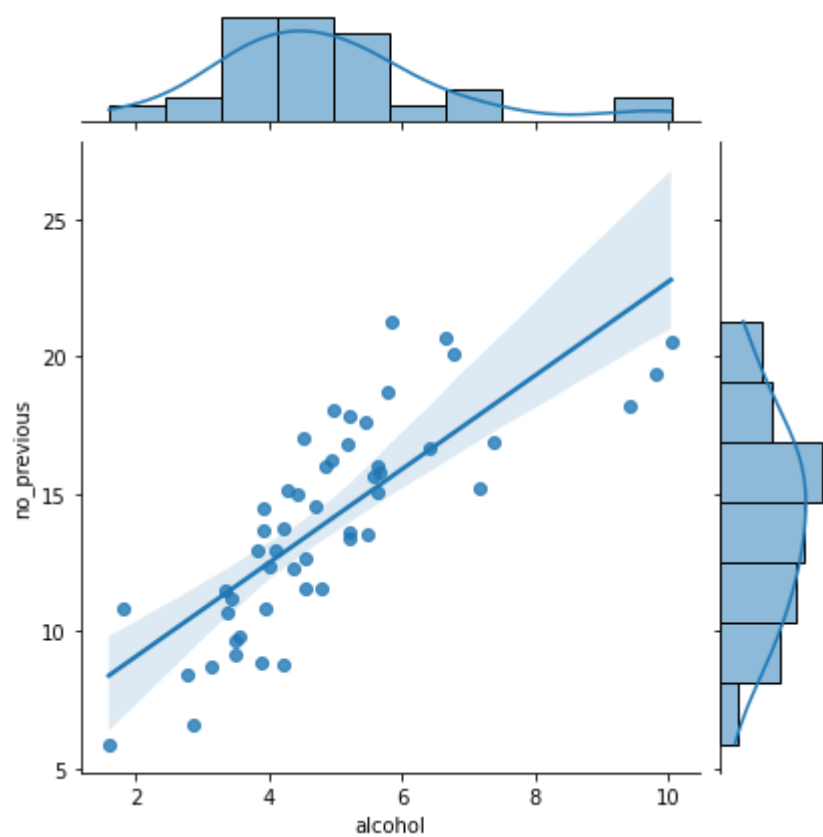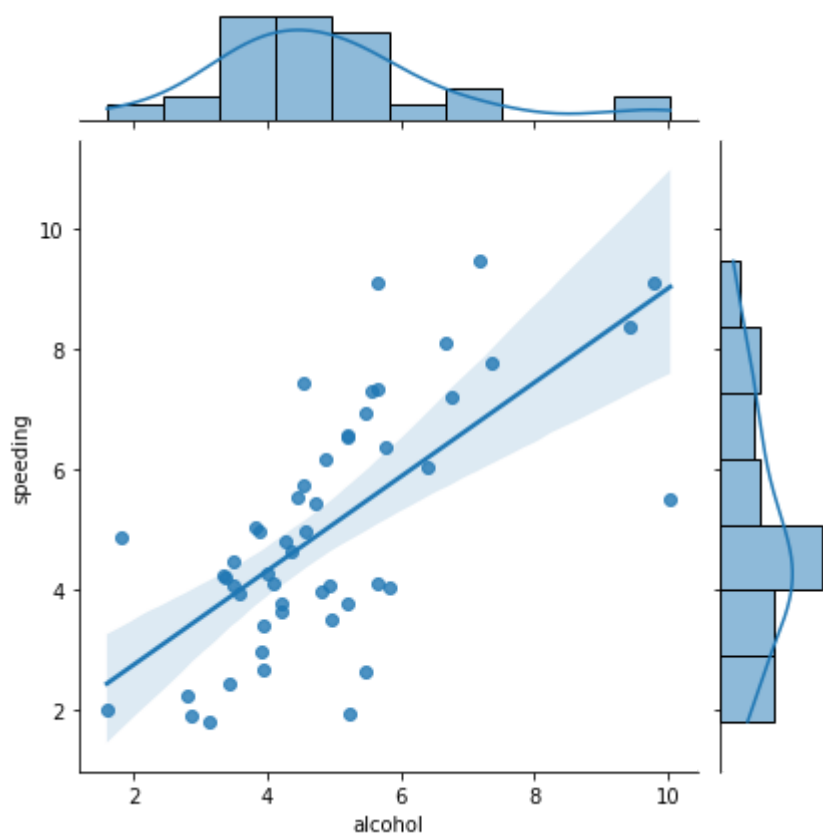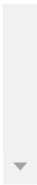
Out[7]:

<seaborn.axisgrid.JointGrid at 0x1b93c476e80>

In [ ]: