Exercise 1:

```
sns.barplot(x='day',y='tip',data=tips)
```

Exercise 2:

```
sns.barplot(x='day',y='tip',data=tips,hue='smoker')
```

Exercise 3:

```
sns.barplot(x='total_bill',y='sex',data=tips,palette='spring')
```

Exercise 4:

```
from numpy import median       #import mdeian from numpy
sns.barplot(x='sex',y='total_bill',data=tips,estimator=median)   #add estimator as median
```

Exercise 5:

```
sns.countplot(x='size',data=tips)
```

Exercise 6:

```
sns.boxplot(x=tips['size'])
```

Exercise 7:

```
sns.boxplot(x="day", y="total_bill",data=tips)
```

Exercise 8:

```
sns.boxplot(x="day", y="total_bill",data=tips,hue='smoker')
```

Exercise 9:

```
sns.boxplot(x="day", y="total_bill",data=tips,hue='sex',palette='husl')
```

Exercise 10:

```
sns.violinplot(x="day", y="tip", data=tips,hue='sex',palette='coolwarm')
```

Exercise 11:

```
sns.violinplot(x="sex", y="total_bill", data=tips,hue='smoker',split=True,palette='Set1')
```

Exercise 12:

```
sns.stripplot(x="species", y="sepal_length",
data=iris,jitter=True,hue='petal_length',palette='Set1',split=True)
```

Exercise 13:

```
sns.swarmplot(x="species", y="sepal_width",hue='petal_length',data=iris, palette="Set1")
```

Exercise 14:

```
sns.barplot(x="tip", y="day", data=tips,palette='rainbow') #code for barplot

sns.swarmplot(x="tip", y="day", data=tips,color='black',size=3) #code for swamplot
```

Exercise 15:

```
sns.boxplot(x="tip", y="day", data=tips,palette='rainbow')#code for boxplot

sns.stripplot(x="tip", y="day", data=tips,color='black',size=3)#code for stripplot
```

Exercise 16:

```
sns.factorplot(x='tip' , y='total_bill' , data=tips,hue ='sex',size=8)
```

Exercise 17:

```
sns.factorplot(x='size',y='total_bill',data=tips,kind='violin')
```

Exercise 18:

```
sns.factorplot(x='size',y='total_bill',data=tips,kind='swarm')
```