```python
import pandas as pd
from ggplot import *
from ggplot import *
g1=ggplot(aes(x='date', y='beef'), data=meat) +geom_line()
g1.show()

import pandas as pd
from ggplot import *
data_file = pd.read_csv("C:\\Users\\rameshragala\\Desktop\\diamonds.csv")
g1=ggplot(aes(),data=data_file)+geom_point()
g1.show()




import pandas as pd
from ggplot import *
data_file = pd.read_csv("C:\\Users\\rameshragala\\Desktop\\diamonds.csv")
g1=ggplot(aes(x='carat'),data=data_file)+geom_point()
g1.show()




import pandas as pd
from ggplot import *
data_file = pd.read_csv("C:\\Users\\rameshragala\\Desktop\\diamonds.csv")
g1=ggplot(aes(x='carat', y='price'),data=data_file)+geom+point()
g1.show()




import pandas as pd
from ggplot import *
data_file = pd.read_csv("C:\\Users\\rameshragala\\Desktop\\diamonds.csv")
g1=ggplot(aes(x='carat', color = 'cut'),data=data_file)+geom_point()
g1.show()

for labels
import pandas as pd
from ggplot import *
data_file = pd.read_csv("C:\\Users\\rameshragala\\Desktop\\diamonds.csv")
g1                                                                      =
ggplot(aes(x='carat',y='price'),data=data_file)+geom_point()+labs(title="Sca
tter Plot", x ="CARAT", y="PRICE")
g1.show()
```

for color

```python
import pandas as pd
from ggplot import *
data_file = pd.read_csv("C:\\Users\\rameshragala\\Desktop\\diamonds.csv")
g1 = ggplot(aes(x='carat',y='price', color = 'cut'),data=data_file)+geom_point()+labs(title="Scatter Plot", x ="CARAT", y="PRICE")+ scale_color_brewer(type='diverging', palette=4)+ ggtitle("Scatter Plot")
g1.show()
```

for color, xlab, ylab and title

```python
import pandas as pd
from ggplot import *
data_file = pd.read_csv("C:\\Users\\rameshragala\\Desktop\\diamonds.csv")
g1 = ggplot(aes(x='carat',y='price', color = 'cut'),data=data_file)+geom_point()+xlab("CARATS")+ylab("PRICE")+ scale_color_brewer(type='diverging', palette=4)+ ggtitle("Scatter Plot")
g1.show()
```

for more plots based on cut

```python
import pandas as pd
from ggplot import *
data_file = pd.read_csv("C:\\Users\\rameshragala\\Desktop\\diamonds.csv")
g1 = ggplot(aes(x='carat',y='price', color = 'cut'),data=data_file)+geom_point()+xlab("CARATS")+ylab("PRICE")+ scale_color_brewer(type='diverging', palette=4)+ ggtitle("Scatter Plot") + facet_wrap('cut', ncol=3)
g1.show()
```

for more plots based on color and cut

```python
import pandas as pd
from ggplot import *
data_file = pd.read_csv("C:\\Users\\rameshragala\\Desktop\\diamonds.csv")
g1 = ggplot(aes(x='carat',y='price', color = 'cut'),data=data_file)+geom_point()+xlab("CARATS")+ylab("PRICE")+ scale_color_brewer(type='diverging', palette=4)+ ggtitle("Scatter Plot") + facet_wrap('color', 'cut')
g1.show()
```

for scales free

```python
import pandas as pd
from ggplot import *
data_file = pd.read_csv("C:\\Users\\rameshragala\\Desktop\\diamonds.csv")
```

```python
g1 = ggplot(aes(x='carat',y='price', color = 'cut'),data=data_file)+geom_point()+xlab("CARATS")+ylab("PRICE")+
scale_color_brewer(type='diverging', palette=4)+ ggtitle("Scatter Plot") + facet_wrap('color', 'cut', scales='free')
g1.show()
```

for grids
```python
import pandas as pd
from ggplot import *
data_file = pd.read_csv("C:\\Users\\rameshragala\\Desktop\\diamonds.csv")
g1 = ggplot(aes(x='carat',y='price', color = 'cut'),data=data_file)+geom_point()+xlab("CARATS")+ylab("PRICE")+
scale_color_brewer(type='diverging', palette=4)+ ggtitle("Scatter Plot") + facet_grid('color', 'cut')
g1.show()
```

for density plots

```python
from ggplot import *
g1=ggplot(diamonds, aes(x='price', fill='cut')) + geom_density(alpha=0.25) + facet_wrap("clarity")
g1.show()
```