01- Read\load the file

In [16]:
```
import seaborn as sns
import pandas as pd
import matplotlib.pyplot as plt
data=pd.read_csv("Chilla_data2_for_plots.csv")
data
```

Out[16]:

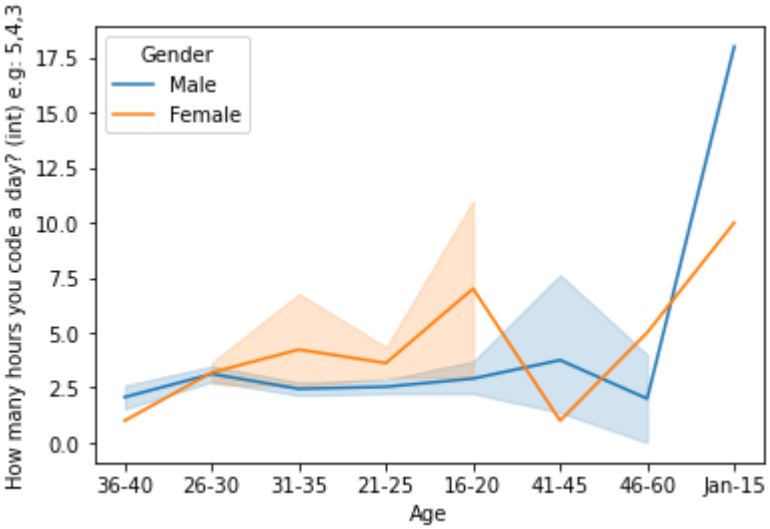
	Gender	Location	Age	Qualification_completed	field_of_study	Purpose_for_chilla	What are you?	Blo grc
0	Male	Pakistan	36-40	Masters	Natural Sciences	to boost my skill set	Unemplyed	
1	Male	Pakistan	26-30	Bachelors	CS/IT	to boost my skill set	Student	
2	Male	Pakistan	31-35	Masters	Enginnering	Switch my field of study	Employed	
3	Female	Pakistan	31-35	Masters	CS/IT	to boost my skill set	Employed	
4	Female	Pakistan	26-30	Masters	Enginnering	to boost my skill set	Student	
...	...	...	...	...	...	...	...	
370	Male	Pakistan	26-30	Masters	Enginnering	to boost my skill set	Employed	
371	Male	Pakistan	31-35	Bachelors	Enginnering	to boost my skill set	Employed	
372	Male	Pakistan	21-25	Bachelors	CS/IT	to boost my skill set	Employed	
373	Male	Pakistan	26-30	Masters	Enginnering	to boost my skill set	Employed	
374	Female	Pakistan	31-35	Masters	Mathematics	Switch my field of study	Unemplyed	

375 rows × 23 columns

02- Draw a line plot

In [33]:
```
sns.lineplot(x="Age", y="How many hours you code a day? (int) e.g: 5,4,3", hue="Gender"
```

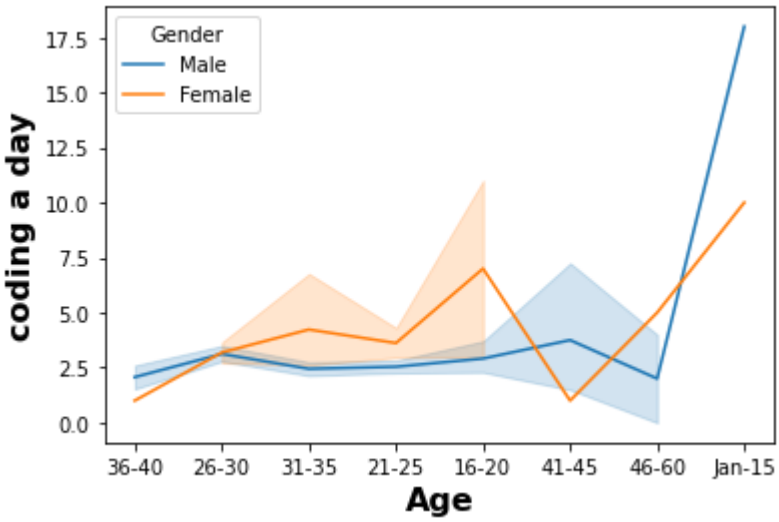
Out[33]: <AxesSubplot:xlabel='Age', ylabel='How many hours you code a day? (int) e.g: 5,4,3'>



03- Adding labels

In [39]:
```
sns.lineplot(x="Age", y="How many hours you code a day? (int) e.g: 5,4,3", hue="Gender"
plt.xlabel("Age", size=16, weight='bold')
plt.ylabel("coding a day", size=16, weight='bold')
```

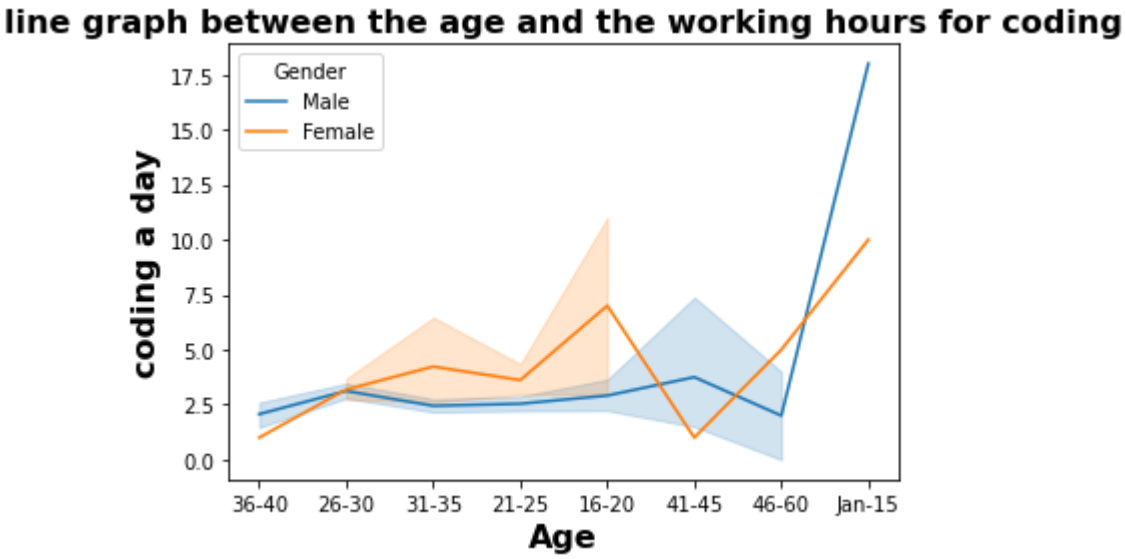
Out[39]: Text(0, 0.5, 'coding a day')



04- Adding a title

In [40]:
```
sns.lineplot(x="Age", y="How many hours you code a day? (int) e.g: 5,4,3", hue="Gender"
plt.xlabel("Age", size=16, weight='bold')
plt.ylabel("coding a day", size=16, weight='bold')
plt.title("line graph between the age and the working hours for coding", size=16, weigh
```

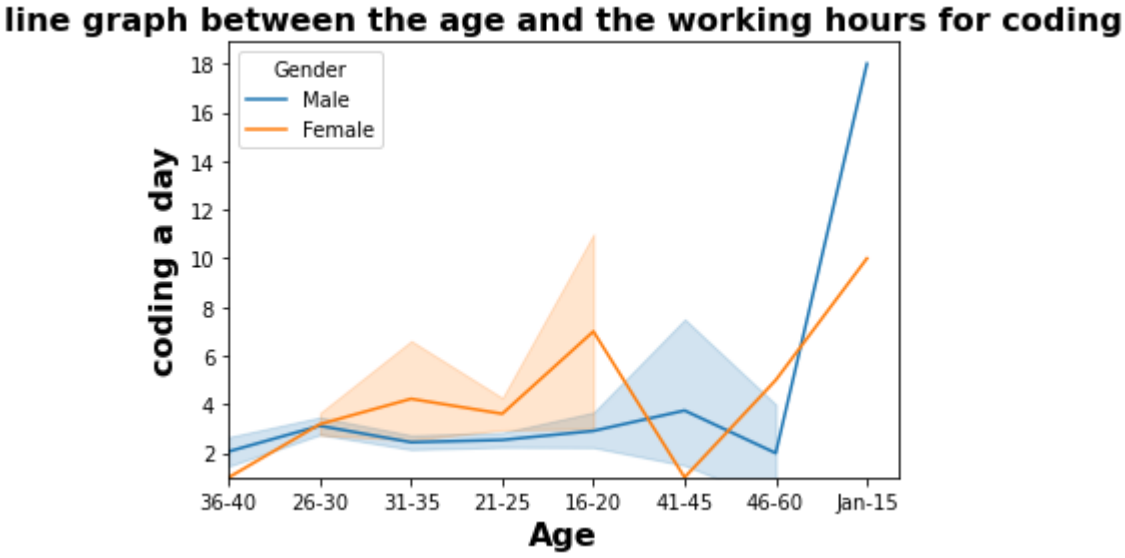
Out[40]: Text(0.5, 1.0, 'line graph between the age and the working hours for coding')



05- setting limits on x and y axis

In [49]:
```
import seaborn as sns
import pandas as pd
import matplotlib.pyplot as plt
data=pd.read_csv("Chilla_data2_for_plots.csv")
sns.lineplot(x="Age", y="How many hours you code a day? (int) e.g: 5,4,3", hue="Gender"
plt.xlabel("Age", size=16, weight='bold')
plt.ylabel("coding a day", size=16, weight='bold')
plt.title("line graph between the age and the working hours for coding", size=16, weigh
plt.xlim(0)
plt.ylim(1)
```

Out[49]: (1.0, 18.9)



06- Size of figure

In [50]:
```
import seaborn as sns
import pandas as pd
import matplotlib.pyplot as plt
```

```
data=pd.read_csv("Chilla_data2_for_plots.csv")
plt.figure(figsize=(4,2))
sns.lineplot(x="Age", y="How many hours you code a day? (int) e.g: 5,4,3", hue="Gender"
plt.xlabel("Age", size=16, weight='bold')
plt.ylabel("coding a day", size=16, weight='bold')
plt.title("line graph between the age and the working hours for coding", size=16, weigh
plt.xlim(0)
plt.ylim(1)
```

Out[50]: (1.0, 18.9)