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✓ 2s [3] `import seaborn as sns`
`%matplotlib inline`

✓ 1s `path="/content/ task5/heart.csv"`
`df=pd.read_csv(path)`
`df.head(5)`



	age	sex	cp	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	slope	ca	thal	target
0	52	1	0	125	212	0	1	168	0	1.0	2	2	3	0
1	53	1	0	140	203	1	0	155	1	3.1	0	0	3	0
2	70	1	0	145	174	0	1	125	1	2.6	0	0	3	0
3	61	1	0	148	203	0	1	161	0	0.0	2	1	3	0
4	62	0	0	138	294	1	1	106	0	1.9	1	3	2	0



✓ 0s completed at 22:04



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✓ 0s

```
df.target.value_counts()
```

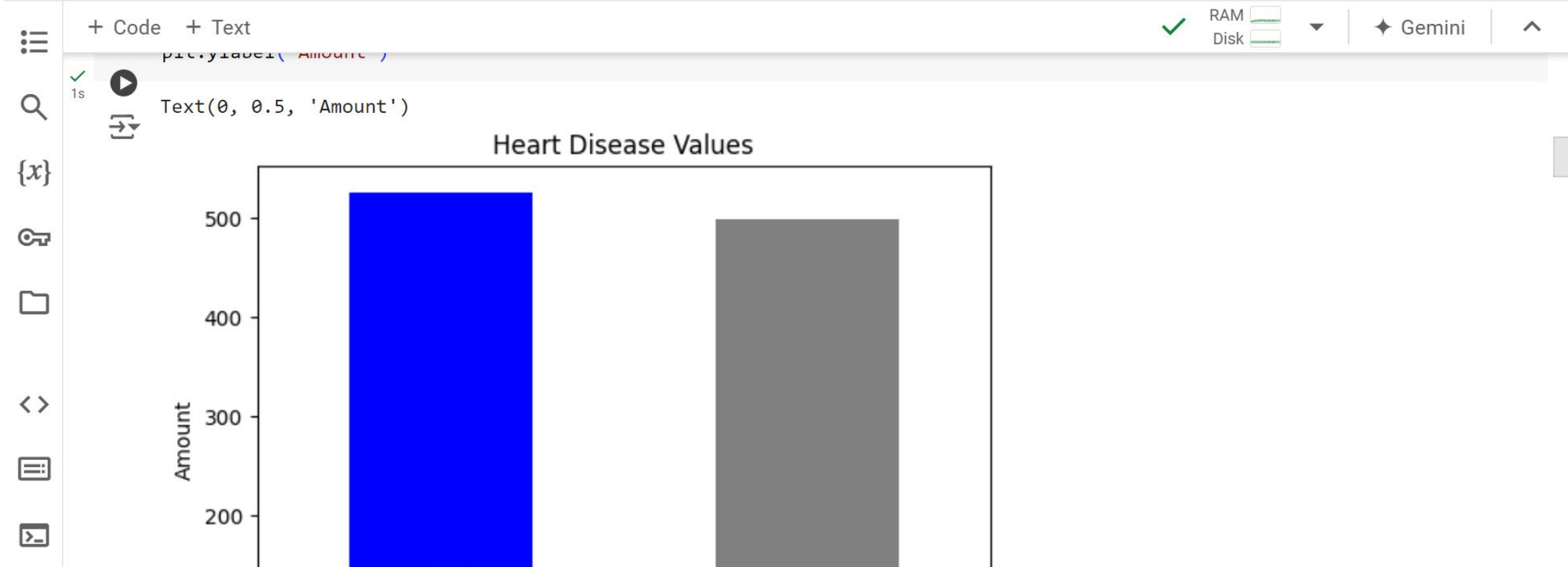
target	count
1	526
0	499

dtype: int64

✓ 1s

```
[5] df.target.value_counts().plot(kind='bar',color=["blue","gray"])
plt.title("Heart Disease Values")
plt.xlabel("1=Heart Disease,0=No heart Disease")
plt.ylabel("Amount")
```

Text(0, 0.5, 'Amount')



✓ 0s df.sex.value_counts()



✓ 0s [8] df.sex.value_counts().plot(kind='pie',figsize=(8,6))
plt.title('Male Female ratio')

Text(0.5, 1.0, 'Male Female ratio')

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0s

```
[9] sns.countplot(x='target',data=df,hue='sex')  
plt.title("Heart Disease Frequency for sex")  
plt.xlabel("0=No heart Disease,1=Heart Disease")
```

Text(0.5, 0, '0=No heart Disease,1=Heart Disease')

Heart Disease Frequency for sex



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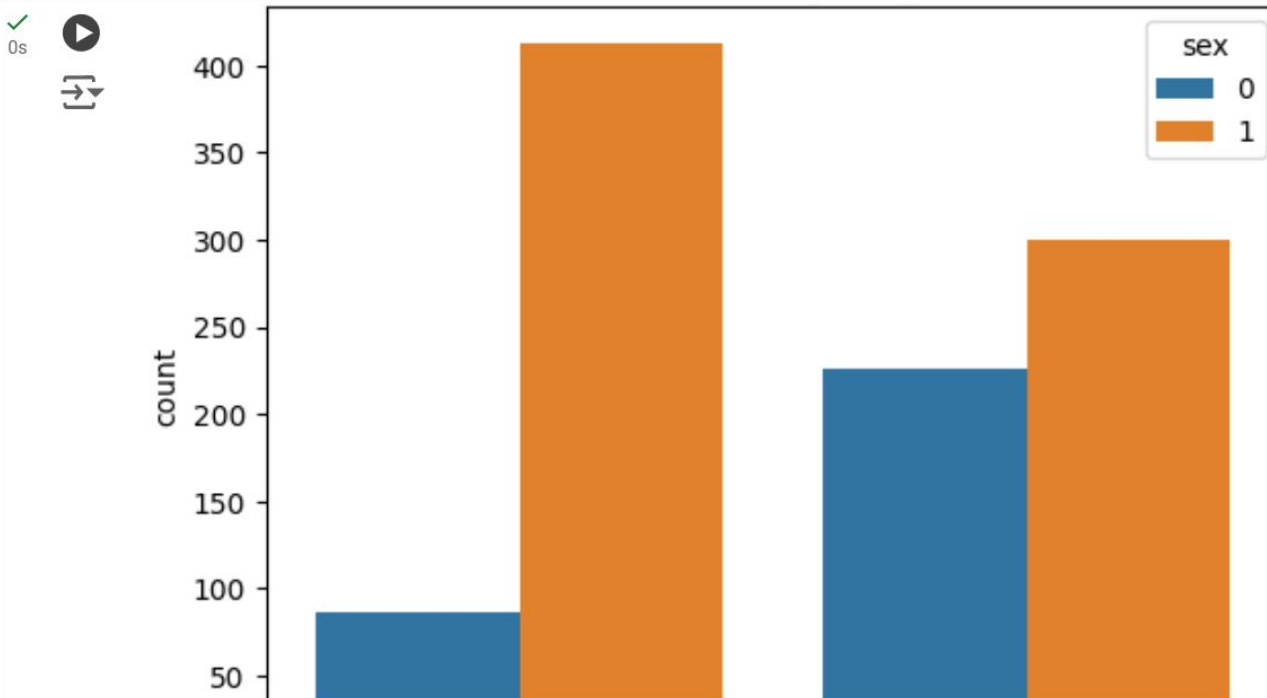
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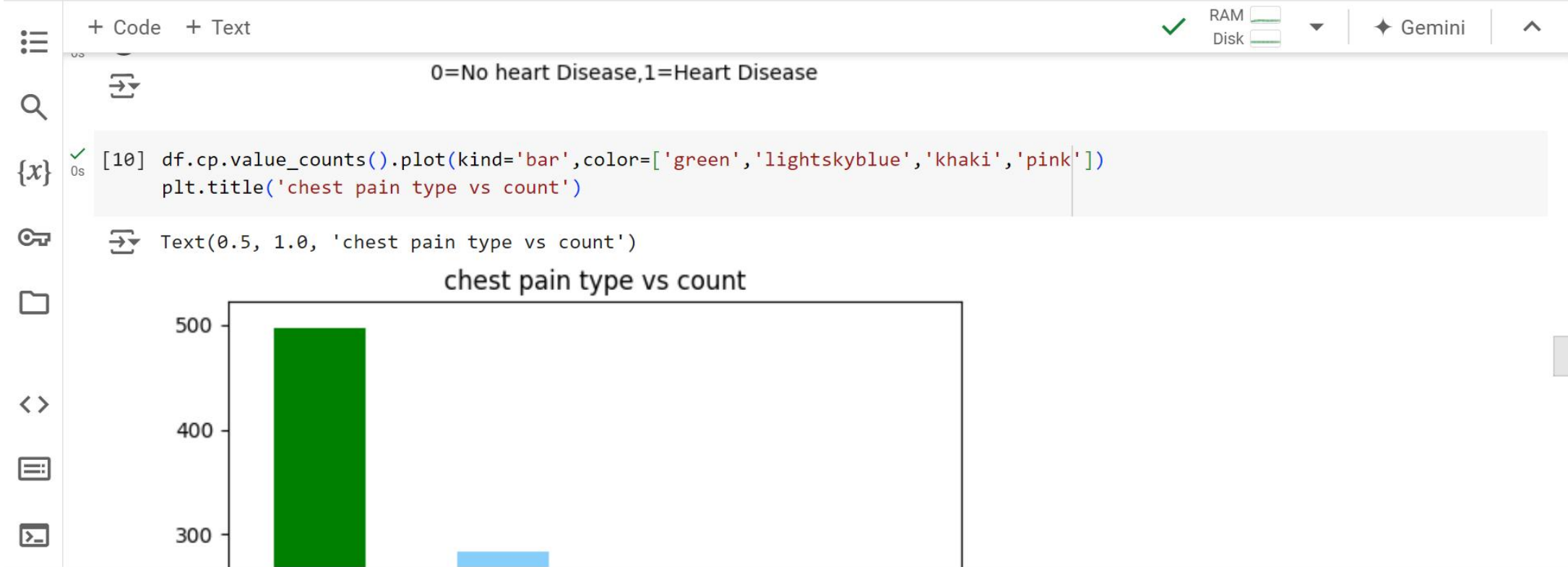


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10:06 PM
19-08-2024







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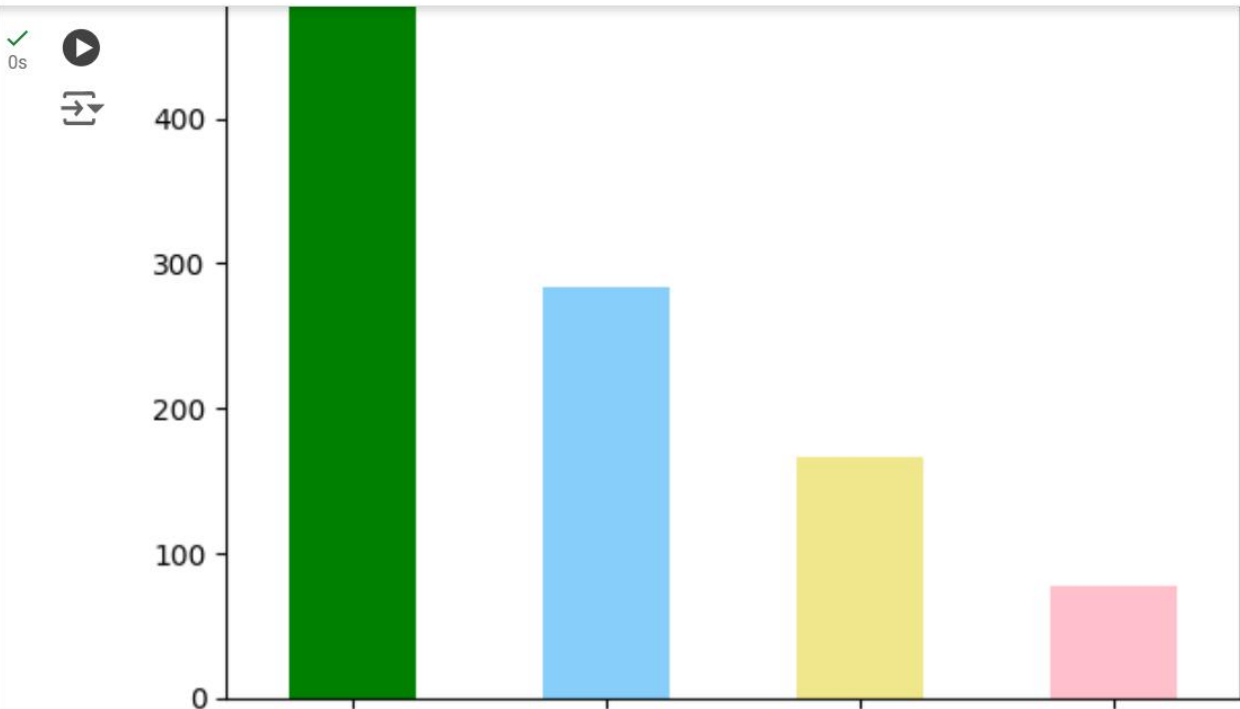
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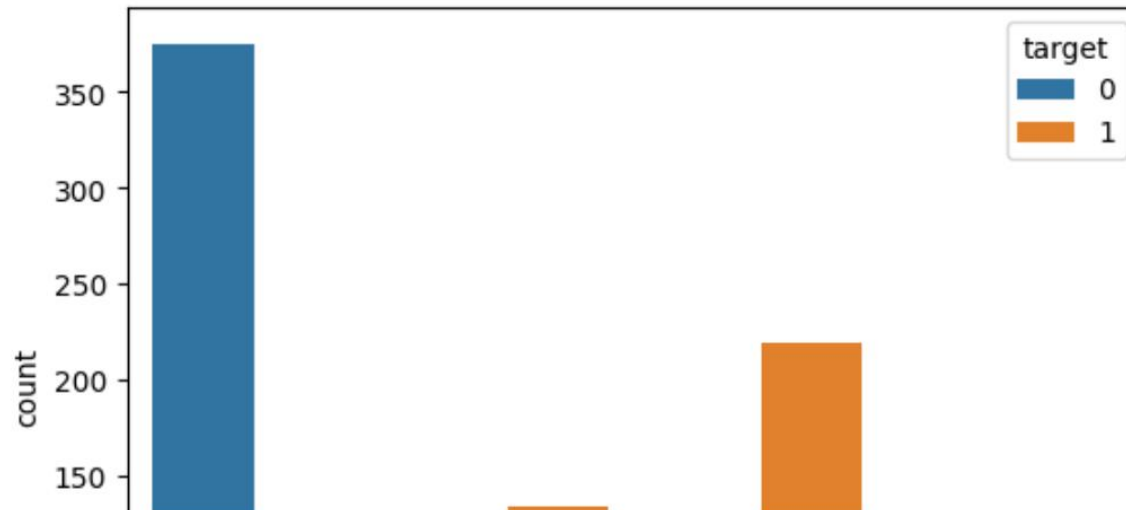
✓
0s



```
sns.countplot(x='cp',data=df,hue='target')
```



<Axes: xlabel='cp', ylabel='count'>



0s

completed at 22:04



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