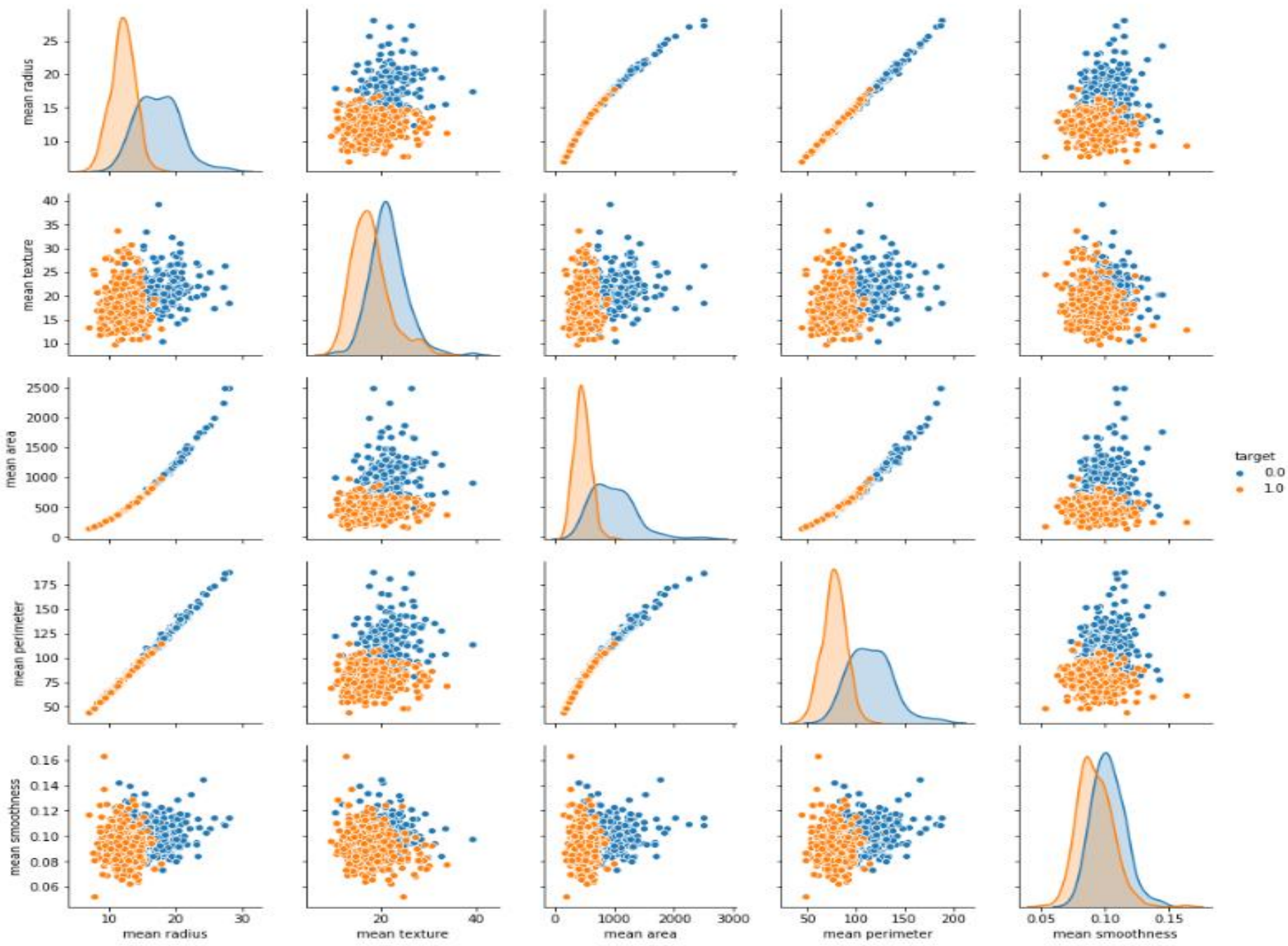
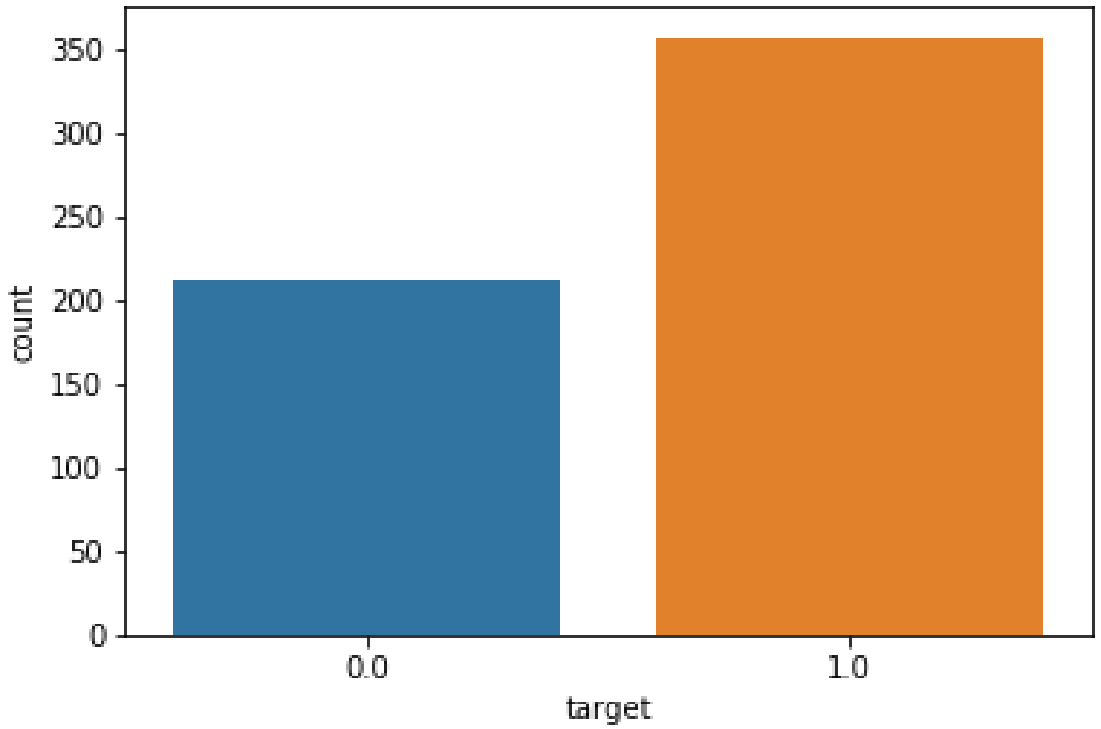
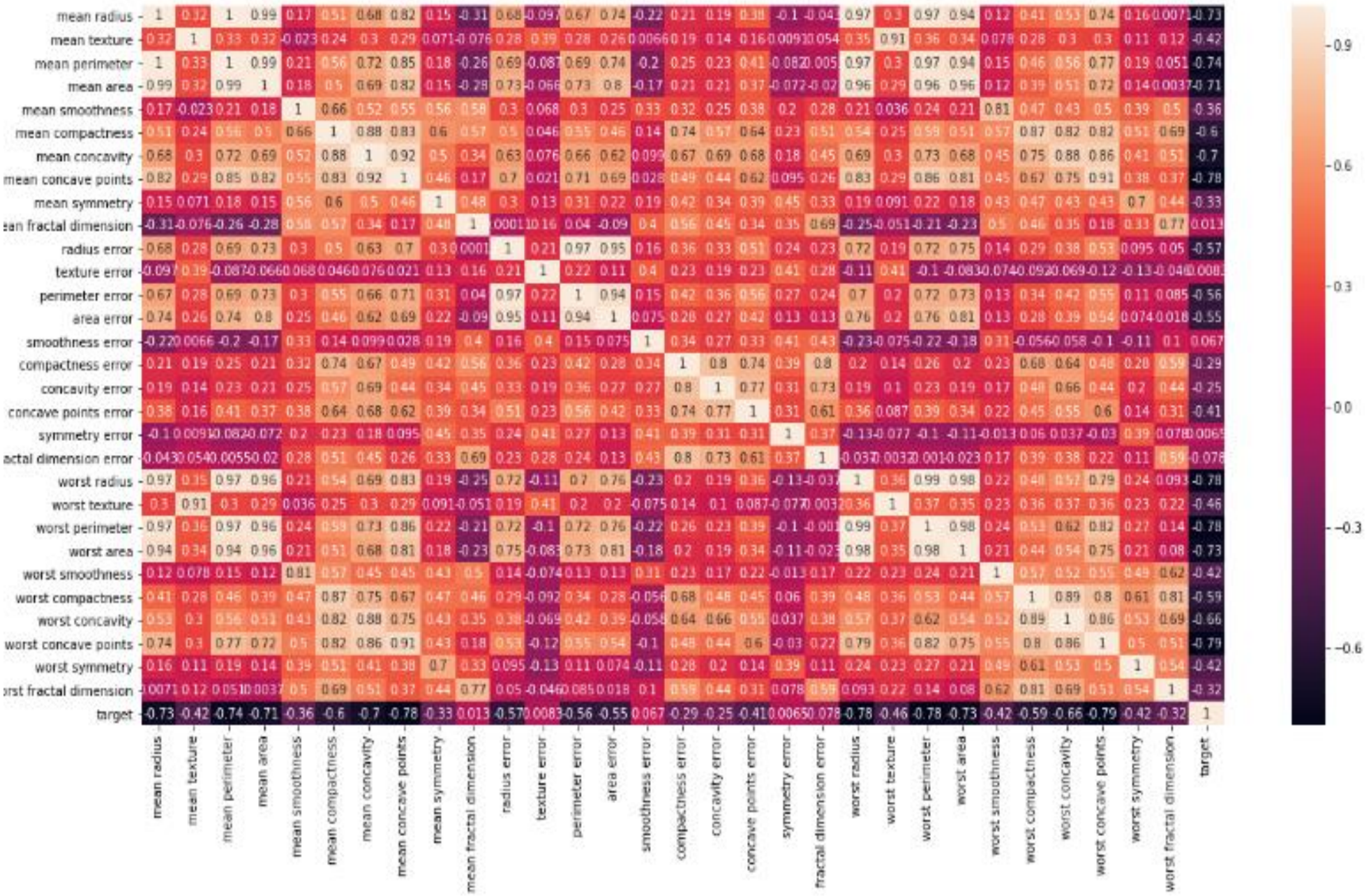
```
: sns.pairplot(df_cancer, hue = 'target', vars = ['mean radius', 'mean texture', 'mean area', 'mean perimeter', 'mean smoothness']
```



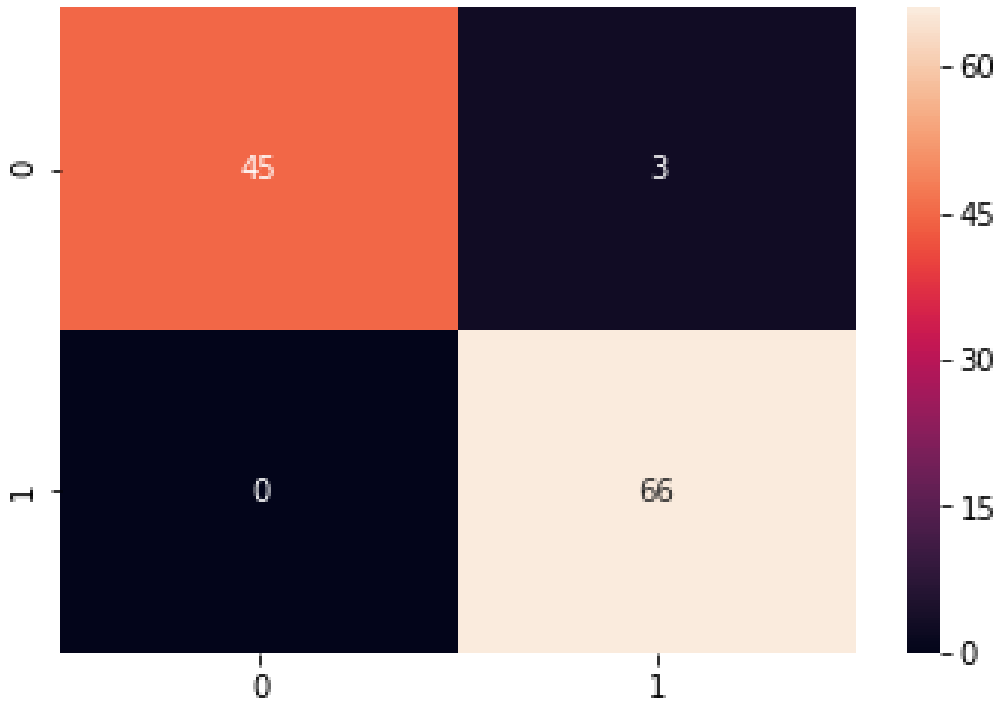
```
: sns.countplot(df_cancer['target'], label = "Count")
```



```
plt.figure(figsize=(20,10))
sns.heatmap(df_cancer.corr(), annot=True)
```



```
sns.heatmap(cm, annot=True)
```




```
: print(classification_report(y_test,grid_predictions))
```

	precision	recall	f1-score	support
0.0	1.00	0.94	0.97	48
1.0	0.96	1.00	0.98	66
avg / total	0.97	0.97	0.97	114