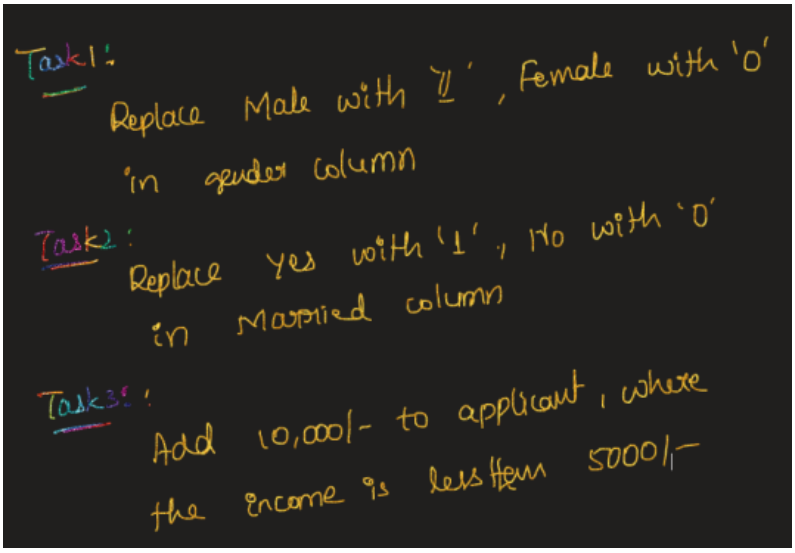


```
import pandas as pd
df=pd.read_csv('/content/loandata.csv')
df.head()
```

	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome
0	LP001722	Male	Yes	0	Graduate	No	150
1	LP002502	Female	Yes	2	Not Graduate	NaN	210
2	LP002949	Female	No	3+	Graduate	NaN	416
3	LP002603	Female	No	0	Graduate	No	645
4	LP001644	NaN	Yes	0	Graduate	Yes	674

```
df['Gender'] = df['Gender'].replace({'Male': 1, 'Female': 0})
df.head()
```

	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome
0	LP001722	1.0	Yes	0	Graduate	No	150
1	LP002502	0.0	Yes	2	Not Graduate	NaN	210
2	LP002949	0.0	No	3+	Graduate	NaN	416
3	LP002603	0.0	No	0	Graduate	No	645
4	LP001644	NaN	Yes	0	Graduate	Yes	674

```
df['Married'] = df['Married'].replace({'Yes':1, 'No': 0})
df.head()
```

	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome
0	LP001722	1.0	1.0	0	Graduate	No	150
1	LP002502	0.0	1.0	2	Not	NaN	210

```
df.loc[df['ApplicantIncome'] < 5000, 'ApplicantIncome'] += 10000
df.head()
```

	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome
0	LP001722	1.0	1.0	0	Graduate	No	10150
1	LP002502	0.0	1.0	2	Not Graduate	NaN	10210
2	LP002949	0.0	0.0	3+	Graduate	NaN	10416
3	LP002603	0.0	0.0	0	Graduate	No	10645
4	LP001644	NaN	1.0	0	Graduate	Yes	10674