

```
import numpy as np
from keras.layers import Dense
from keras.models import Sequential

model=Sequential()
model.add(Dense(units=2,activation='relu',input_dim=2))
model.add(Dense(units=1,activation='sigmoid'))
model.compile(loss='binary_crossentropy',optimizer='adam',metrics=['accuracy'])
print(model.summary())
print(model.get_weights())

X=np.array([[0.,0.],[0.,1.],[1.,0.],[1.,1.]])
```