

```
1 import numpy as np
2 import mcless
3
4 def predict_y(X,W):
5     A = Information_matrix(X)
6     B_pred = A @ W
7     print(B_pred.shape)
8     print(B_pred[0])
9     N = len(B_pred)
10    y_pred = np.zeros(N)
11    for i in range(N):
12        c = np.argmax(B_pred[i])
13        y_pred[i] = c
14    return y_pred
```