EXPERIMENT – 12

PROGRAM:

```
from sklearn.neighbors import KNeighborsClassifier
from sklearn.datasets import load_iris
iris = load_iris()
X, y = iris.data, iris.target
knn = KNeighborsClassifier(n_neighbors=3)
knn.fit(X, y)
new = []
for i in range(4):
   new.append(float(input(f"Enter feature {i+1}: ")))
print("Predicted class:", iris.target_names[knn.predict([new])[0]])
```