main32.py

```python
#import necessary library
import pandas as pd
from sklearn.model_selection import train_test_split
from sklearn.ensemble import RandomForestClassifier
from sklearn.metrics import accuracy_score, classification_report
from sklearn.preprocessing import StandardScaler

# load the data
from sklearn.datasets import load_iris

iris = load_iris()
X, y = iris.data, iris.target

# Standard Scaling
scaler = StandardScaler()
X_scaled = scaler.fit_transform(X)

# train test split
X_train, X_test, y_train, y_test = train_test_split(X_scaled, y, test_size=0.2, random_state=42)

# Train a Predictive Model
model = RandomForestClassifier(random_state=42)
model.fit(X_train, y_train)

# Evaluate the Model
y_pred = model.predict(X_test)

accuracy = accuracy_score(y_test, y_pred)
print(f"Accuracy: {accuracy:.2f}")

classification_rep = classification_report(y_test, y_pred)
print("Classification Report:\n", classification_rep)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

powershell

```
PS C:\Users\hp\OneDrive\Desktop\New folder> python main32.py
Accuracy: 1.00
Classification Report:
              precision    recall  f1-score   support

           0       1.00      1.00      1.00        10
           1       1.00      1.00      1.00         9
           2       1.00      1.00      1.00        11

    accuracy                           1.00        30
   macro avg       1.00      1.00      1.00        30
weighted avg       1.00      1.00      1.00        30

PS C:\Users\hp\OneDrive\Desktop\New folder>
```