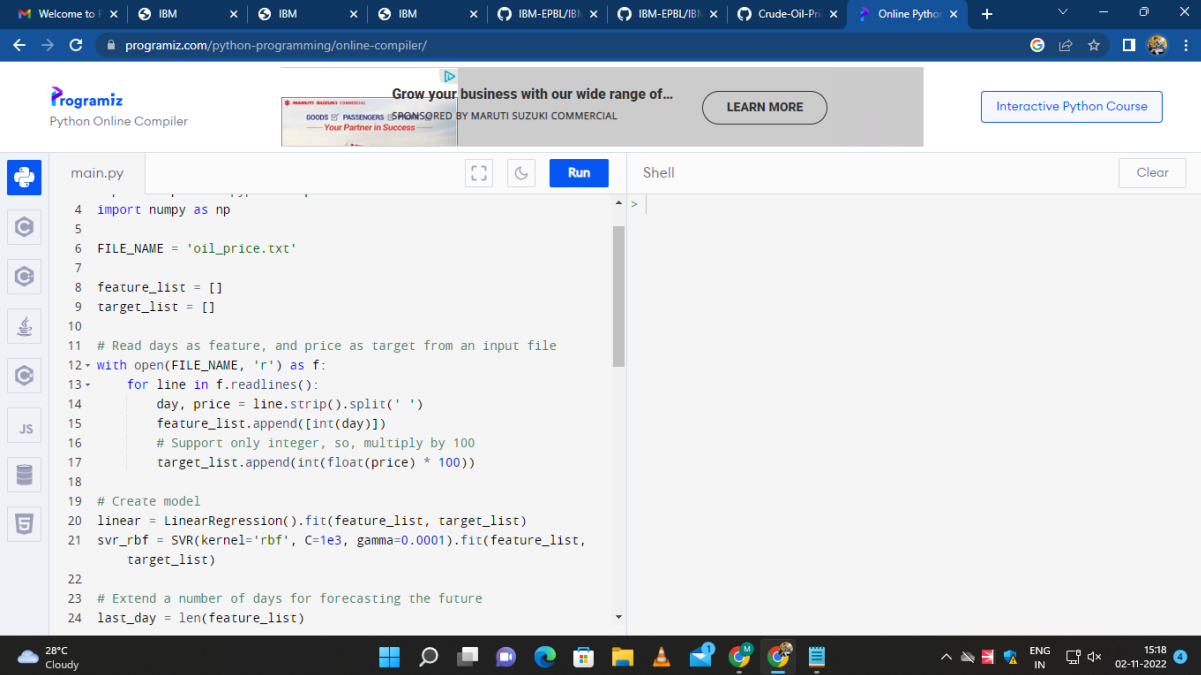


# ANALYSE CODING FOR CRUDE OIL PREDICTION



The screenshot displays the Programiz Python Online Compiler interface. The browser's address bar shows the URL `programiz.com/python-programming/online-compiler/`. The interface includes a sidebar with icons for Python, JavaScript, and other languages. The main editor area contains a Python script named `main.py` with the following code:

```
4 import numpy as np
5
6 FILE_NAME = 'oil_price.txt'
7
8 feature_list = []
9 target_list = []
10
11 # Read days as feature, and price as target from an input file
12 with open(FILE_NAME, 'r') as f:
13     for line in f.readlines():
14         day, price = line.strip().split(' ')
15         feature_list.append([int(day)])
16         # Support only integer, so, multiply by 100
17         target_list.append(int(float(price) * 100))
18
19 # Create model
20 linear = LinearRegression().fit(feature_list, target_list)
21 svr_rbf = SVR(kernel='rbf', C=1e3, gamma=0.0001).fit(feature_list,
22 target_list)
23
24 # Extend a number of days for forecasting the future
25 last_day = len(feature_list)
```

The interface also features a 'Run' button and a 'Shell' output area. The bottom status bar shows the system temperature as 28°C, weather as 'Cloudy', and the date and time as 02-11-2022, 15:18.

NOTE :USING PROGRAMIZ PYTHON ONLINE COMPILER  
BROWSER :CHROME