

EXPERIMENT-1

PALINDROME STRING

PROGRAM:

Programiz Python Online Compiler

```
main.py
```

The screenshot shows a dark-themed Python online compiler interface. At the top, it says "Programiz Python Online Compiler". Below that is a tab labeled "main.py". The code area contains the following Python script:

```
1 def first_palindrome(words):
2     for word in words:
3         if word == word[::-1]:
4             return word
5     return ""
6 words = ["abc", "car", "ada", "racecar", "cool"]
7 result = first_palindrome(words)
8 print(result)
```

Below the code are several icons: a file icon, a sun icon, a share icon, and a "Run" button.

OUTPUT:

Output

```
ada
==== Code Execution Successful ===
```

The screenshot shows the "Output" tab of the compiler. It displays the single word "ada" on a new line, followed by the text "==== Code Execution Successful ===".