









The screenshot shows the PyCharm IDE interface for a project named 'pythonProject2'. The main editor window displays the file 'main.py' with the following code:

```
1 def climbStairs(n):
2     steps = []
3     steps.append(1)
4     steps.append(2)
5     for i in range(2, n):
6         steps.append([i - 1] + [i - 2])
7     return steps[n - 1]
8 n=int(input("enter the number of stairs:"))
9 print(climbStairs(n))
```

The Run console at the bottom shows the execution output:

```
Run: main x
C:\Users\shaik\PycharmProjects\pythonProject2\venv\Scripts\python.exe C:/Users/shaik/PycharmProjects/pythonProject2/main.py
enter the number of stairs:2
2
Process finished with exit code 0
```

The bottom status bar indicates the file encoding is UTF-8, 4 spaces, and Python 3.9 (pythonProject2).

