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1 "C:\Users\Admin\PycharmProject\PythonProject 2\.venv\
  Scripts\python.exe" "C:\Users\Admin\PycharmProject\
  PythonProject 2\logic box.py"
2 Welcome to the Pattern Generator and number analyzer
  !
3
4 select an option:
5 1. Generate a pattern
6 2. Analyze a Range of Numbers
7 3. Exit
8 enter your choice number:1
9 1
10 Enter the number of rows for the pattern:5
11
12 pattern:
13 *
14 **
15 ***
16 ****
17 *****
18 Welcome to the Pattern Generator and number analyzer
  !
19
20 select an option:
21 1. Generate a pattern
22 2. Analyze a Range of Numbers
23 3. Exit
24 enter your choice:2
25 enter the start of the range:10
26 enter the end of the range:15
27
28 number 10 is even
29 number 11 is odd
30 number 12 is even
31 number 13 is odd
32 number 14 is even
33 number 15 is odd
34
35 sum of all numbers from 10 to 15 is: 75
36 select an option:
37 1. Generate a pattern
```

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38 2. Analyze a Range of Numbers
39 3. Exit
40 enter your choice:3
41 exiting the programme. goodbye!
42
43 Process finished with exit code 0
44
```