**psudocode**

1. Start the program

2. Declare variables i, c, and n as integers

3. Initialize variable c to 35

4. Ask the user to enter a number greater than 0 and -1

5. Read the input number from the user and store it in variable n

6. Check if the input number is 0 or less than -1, if true, go to step 23

7. Check if the input number is not equal to -1, if true, go to step 8, else go to step 22

8. Print the message " THE SHAPE OF GIVEN NATURAL NUMBER [n] IS \*" where [n] is the input number

9. Start a for loop with variable i initialized to 0 and condition i <= n

10. Start a nested for loop with variable j initialized to i and condition j >= 0

11. Print the value of j followed by a space

12. Check if i is not equal to n, if true, go to step 13, else go to step 19

13. Check if j is equal to 0, if true, go to step 14, else go to step 18

14. Start another nested for loop with variable space initialized to 0 and condition space <= 2\*(n-i)-2

15. Print two spaces

16. End the nested for loop

17. Start another nested for loop with variable k initialized to 0 and condition k <= i

18. Print the value of k followed by a space

19. End the nested for loop

20. Check if j is equal to 0, if true, go to step 21

21. Start a new line

22. Add 3 to variable c

23. Start a for loop with variable i initialized to 8 and condition i >= 0

24. Start a nested for loop with variable j initialized to i and condition j >= 0

25. Print the value of j followed by a space

26. Check if i is not equal to 9, if true, go to step 27

27. Initialize variable n to c

28. Use setw() function to set the width of the output to n

29. Add 4 to variable c

30. Start another nested for loop with variable k initialized to 0 and condition k <= i

31. Print the value of k followed by a space

32. End the nested for loop

33. Start a new line

34. End the nested for loop

35. Start a new line

36. Start a for loop with variable i initialized to n-1 and condition i >= 0

37. Start a nested for loop with variable j initialized to i and condition j >= 0

38. Print the value of j followed by a space

39. Check if j is equal to 0, if true, go to step 40, else go to step 44

40. Start another nested for loop with variable space initialized to 0 and condition space <= 2\*(n-i)-2

41. Print two spaces

42. End the nested for loop

43. Start another nested for loop with variable k initialized to 0 and condition k <= i

44. Print the value of k followed by a space

45. End the nested for loop

46. Start a new line

47. End the nested for loop

48. Check if the user wants to try again by entering 'Y', if true, go to step 4, else go to step 50

49. End the program

50. Print the message "PROGRAM TERMINATED"