Pattern 2

There is a pattern that goes 1, 4, 7, 10, 13, 16, and so on. Given a number n, output the first n items of the pattern separated by space. On a new line, also output the sum of the items.

Sample Output 1

Enter num: 5

1 4 7 10 13

Sum = 35

**CODE:**

#include <stdio.h>

int main()

{

int num, sum = 0;

printf("Enter num: ");

scanf("%d", &num);

for (int i = 1; i <= num; i++) {

printf("%d ", 3 \* (i - 1) + 1);

sum += 3 \* (i - 1) + 1;

}

printf("\nSum = %d\n", sum);

return 0;

}