4. 3D MATRIX ADDITION PROGRAM

```c
#include <stdio.h>

long long fib(int n) {
    if (n <= 1) return n;
    return fib(n-1) + fib(n-2);
}

int main() {
    int count, i;
    printf("Enter number of terms: ");
    scanf("%d", &count);
    printf("Fibonacci (recursive): ");
    for (i = 0; i < count; i++) {
        printf("%lld ", fib(i));
    }
    printf("\n");
    return 0;
}
```

Output: