## **Series-02**

#include <math.h>

#include <stdio.h>

#include <string.h>

#include <stdlib.h>

#include <assert.h>

#include <limits.h>

#include <stdbool.h>

bool isPrime(int num) {

if (num <= 1) return false;

for (int i = 2; i \* i <= num; i++) {

if (num % i == 0)

return false;

}

return true;

}

int main() {

int n, count = 0;

int num = 101;

scanf("%d", &n);

while (count < n) {

if (isPrime(num)) {

printf("%d", num);

count++;

if (count < n) {

printf(" ");

}

}

num++;

}

printf("\n");

return 0;

}