#include <stdio.h>

int main() {

int i, j, n;

printf("Enter the value of n: ");

scanf("%d", &n);

printf("Prime numbers between 1 and %d are: ", n);

for (i = 2; i <= n; i++) {

int isPrime = 1;

for (j = 2; j <= i / 2; j++) {

if (i % j == 0) {

isPrime = 0;

break;

}

}

if (isPrime == 1)

printf("%d ", i);

}

printf("\n");

return 0;

}

