|  |
| --- |
| #include <stdio.h> |
|  |  |  |
|  |  | // Function to check if a number is composite |
|  |  | int isComposite(int n) { |
|  |  | int i; |
|  |  | for(i=2; i<=n/2; i++) { |
|  |  | if(n%i == 0) { |
|  |  | return 1; |
|  |  | } |
|  |  | } |
|  |  | return 0; |
|  |  | } |
|  |  |  |
|  |  | int main() { |
|  |  | int n; |
|  |  | printf("Enter a number: "); |
|  |  | scanf("%d", &n); |
|  |  |  |
|  |  | if(isComposite(n)) { |
|  |  | printf("%d is a composite number.", n); |
|  |  | } |
|  |  | else { |
|  |  | printf("%d is not a composite number.", n); |
|  |  | } |
|  |  |  |
|  |  | return 0; |
|  |  | } |