



main.c

Output



```
1  #include <stdio.h>
2
3  // Function to check prime
4  int isPrime(int n) {
5      int i;
6      if(n <= 1)
7          return 0; // not prime
8      for(i = 2; i*i <= n; i++) {
9          if(n % i == 0)
10             return 0; // not prime
11     }
12     return 1; // prime
13 }
14
15 int main() {
16     int num;
17
18     printf("Enter a number: ");
19     scanf("%d", &num);
20
21     if(isPrime(num))
22         printf("%d is a prime
23             number.\n", num);
24     else
25         printf("%d is not a
```

Run



main.c

Output



```
1 // isPrime(int n) {  
2  
3  
4  
5     int i;  
6     if(n <= 1)  
7         return 0; // not prime  
8     for(i = 2; i*i <= n; i++) {  
9         if(n % i == 0)  
10            return 0; // not prime  
11     }  
12     return 1; // prime  
13 }  
14  
15 int main() {  
16     int num;  
17  
18     printf("Enter a number: ");  
19     scanf("%d", &num);  
20  
21     if(isPrime(num))  
22         printf("%d is a prime  
23             number.\n", num);  
24     else  
25         printf("%d is not a prime  
26             number.\n", num);  
27     return 0;  
28 }
```

Run



main.c

Output



Enter a number: 4

4 is not a prime number.

=== Code Execution Successful ===



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na

in



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123



English

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