Guess the titles of the functions in the following extract of main():

```cpp
int main() {
    int n = -4;
    int m = 5;
    if (check(m)) cout << "true"; // (1) prints true
    else cout << "false";
    cout << make(m); // (2) prints 25
    display(n, m); // (3) prints -4 and 5
    cout << mystery(n, m); // (4) prints 0.5
    display("hello"); // (5) prints hello
    return 0;
}
```

Answers:

(1) `bool check(int m);` // in main() you see that the function call is evaluated in if-statement, that means that function returns true/false value => bool
    // you see that it also takes 1 argument, which was declared on previous line as int

(2) `int make(int m);` // in main() you see that the function call is made from cout statement, after the call it print an integer => function returns an int

(3) `void display(int n, int m);` // the call is made not from cout or if-statement
Write complete C++ program that does the following:

1. It has a function that checks if a number is a prime number.

2. Modify previous program so that it prints all prime numbers from 2 to 100 (don’t change isPrime function, modify main function).