Identifier Is Valid or Not

Source Code:

```cpp
#include <bits/stdc++.h>
using namespace std;
bool isValid(string str, int n)
{
    if (!((str[0] >= 'a' && str[0] <= 'z')
            || (str[0] >= 'A' && str[0] <= 'Z')
            || str[0] == '_' ))
        return false;
    for (int i = 1; i < str.length(); i++) {
        if (!((str[i] >= 'a' && str[i] <= 'z')
                || (str[i] >= 'A' && str[i] <= 'Z')
                || (str[i] >= '0' && str[i] <= '9') || str[i] ==  '_'))
            return false;
    }
    return true;
}

int main()
{
    string str ;
    cout << "Enter a string : ";
    cin >> str  ;
    int n = str.length();

    if (isValid(str, n))
        cout << "Valid" << endl ;
    else
        cout << "Invalid" << endl ;

    return main();
}
```

Output:

```
Enter a string : name
Valid
Enter a string : 345name
Invalid
Enter a string : _gets
Valid
Enter a string : _
```