

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB) FACULTY OF SCIENCE & TECHNOLOGY

COMPILAR DESIGN

Section: G Lab 3

Submitted By

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Code:

```
#include<iostream>
using namespace std;
bool isValid(string s) {
if (!(s[0] >= 'a' && s[0] <= 'z') && !(s[0] >= 'A' && s[0] <= 'Z') && s[0] != '_-') \{
cout << "First character is not a letter or underscore\n";</pre>
return false:
for (int i = 1; i < s.length(); ++i) {
char ch = s[i];
if \ (!(ch>= 'a' \ \&\& \ ch<= 'z') \ \&\& \ !(ch>= 'A' \ \&\& \ ch<= 'Z') \ \&\& \ !(ch>= '0' \ \&\& \ ch<= '9') \ \&\& \ ch \ != '\_') \ \{ch>= 'a' \ \&\& \ ch<= 'b' \ \&\& \ ch
cout << "Contains special characters\n";</pre>
return false;
 }
 }
return true;
int main() {
string var;
cout << "Give Input: ";</pre>
getline(cin, var);
if (isValid(var)) {
cout << "Your input is valid!\n\n";</pre>
cout << "Your input is invalid!\n\n";</pre>
return 0;
 }
```

Output:-

```
The Gir Wile Early Niger Ball Deby Force widows but but Pages Deplicate Setting May

Newpoor To Company To Com
```

Figure: If characters were entered, a invalid output will be displayed.

```
### Set Now Lock Physics And Debug forms wellows him have Physic droppings being program of the 18th Variable Physics Business And Debug forms wellows him have Physics Debug and Andrews Andr
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Figure: If characters were not entered, a valid output will be displayed.