

**Aim:**

To check if the input string contains only alphabetic characters.

**Algorithm:**

1. Read a string.
2. Traverse each character.
3. Check if each character is alphabetic.
4. If all are alphabetic, it's valid.

**C Code:**

```
#include <stdio.h>
#include <ctype.h>

int isValidString(char *str) {
    for (int i = 0; str[i]; i++) {
        if (!isalpha(str[i])) return 0;
    }
    return 1;
}

int main() {
    char str[100];
    printf("Enter a string: ");
    scanf("%s", str);
    if (isValidString(str))
        printf("Valid string\n");
    else
        printf("Invalid string\n");
    return 0;
}
```

**Input:**

HelloWorld

**Output:**

```
Valid String
```

```
=== Code Execution Successful ===
```

**Result:**

Correctly identifies if a string has only alphabets.