

## Talent Battle 100 Days Coding Series Challenge

Write a program to identify if the character is an alphabet or not

### Description

Take an input character from user and check whether it is an alphabet or not.

### Input

A

### Output

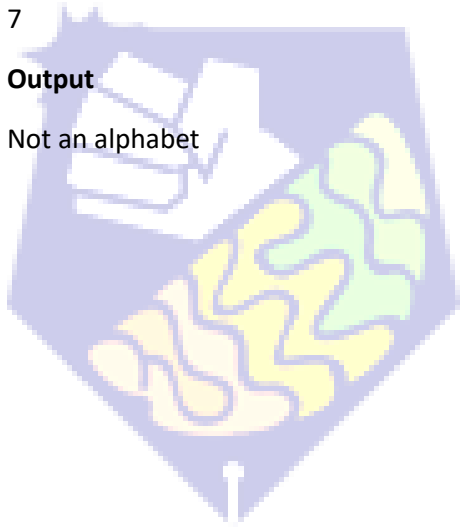
Alphabet

### Input

7

### Output

Not an alphabet



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### C program using built-in function

```
#include <stdio.h>

#include <ctype.h>

int main()
{
    char c;

    printf("Enter a character: ");

    scanf("%c",&c);

    if(isalpha(c))
        printf("Alphabet");
    else
        printf("not alphabet");
    return 0;
}
```

### C Program

```
#include <stdio.h>

int main()
{
    char c;

    printf("Enter a character: ");

    scanf("%c",&c);

    if( (c>='a' && c<='z') || (c>='A' && c<='Z'))
        printf("Alphabet");
    else
        printf("Not an alphabet");
    return 0;
}
```

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### C++ Program

```
#include <iostream>

using namespace std;

int main()
{
    char c;

    cout<<"Enter a character: ";

    cin>>c;

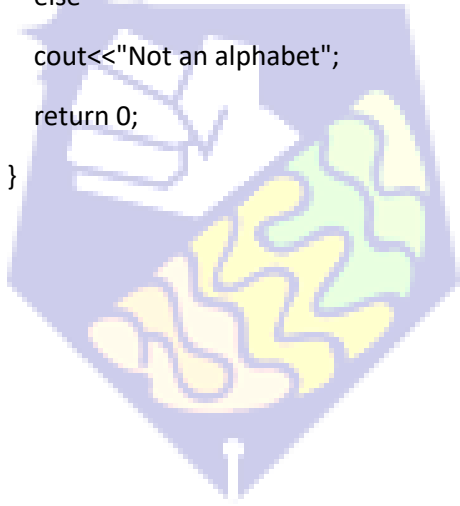
    if( (c>='a' && c<='z') || (c>='A' && c<='Z'))

        cout<<"Alphabet";

    else

        cout<<"Not an alphabet";

    return 0;
}
```



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### Java

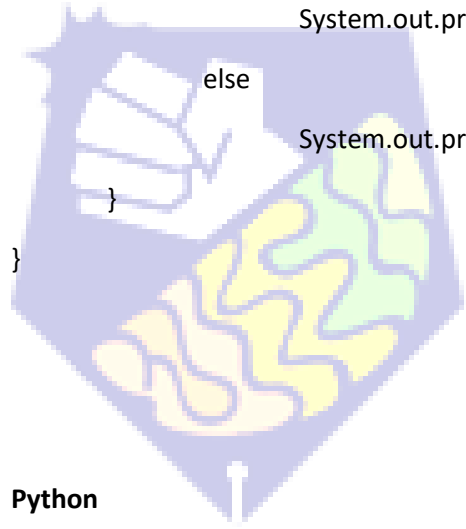
```
import java.util.Scanner;

public class Main
{
    public static void main(String[] args) {
        char c;

        Scanner sc = new Scanner(System.in);
        System.out.print("Enter a Character : ");
        c = sc.next().charAt(0);
        if((c >= 'a' && c <= 'z') || (c >= 'A' && c <= 'Z'))
            System.out.println("Alphabet");
        else
            System.out.println("Not an alphabet");
    }
}
```

### Python

```
c=input()
if('A'<=c<='Z' or 'a'<=c<='z'):
    print('Alphabet')
else:
    print('Not an alphabet')
```



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