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Roll Number: SYCOC303

Division: C

PRN Number: 122B2B303

Batch: C4

Name: VINAYAK MADAN SHETE

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### Problem Statement:

Write a C++ Program to Check Character is Uppercase, Lowercase, Digit or SpecialCharacter.

#### Input Format

Enter any character: F

#### Constraints

Input cannot be " " or NULL

#### Output Format

You entered an uppercase character

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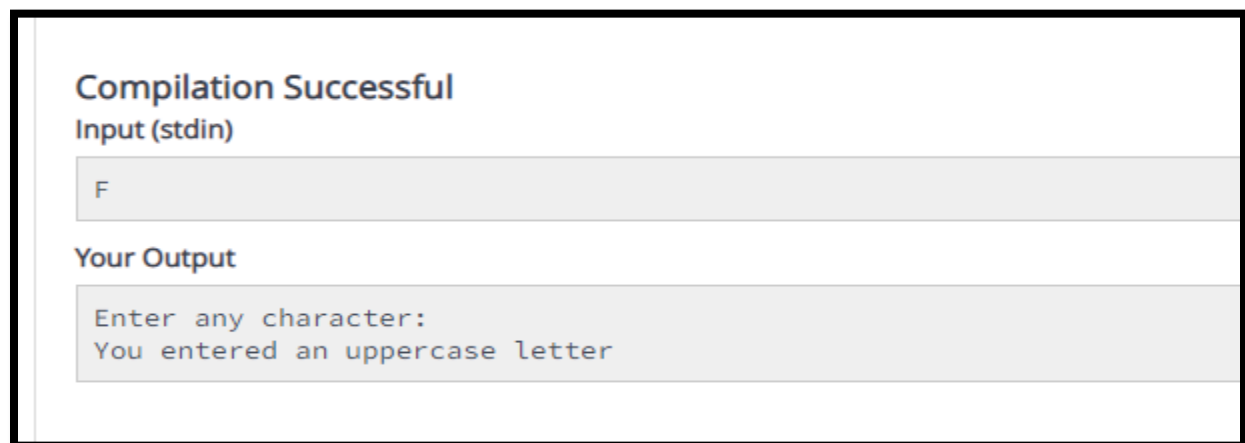
### INPUT:

```
#include <stdio>
#include <iostream>
#include <algorithm>
using namespace std;
int main() {
    char ch;
    cout<<"Enter any character:";
    cin>>ch;
    //checking with the help of ASCII values
    if(ch>=65 && ch<=90)
```

```
{
    //all uppercase character's ASCII values range between 65 and 90
    cout<<"\nYou entered an uppercase letter";
}
else if(ch>=97 && ch<=122)
{
    //all lowercase character's ASCII values range between 97 and 122
    cout<<"\nYou entered an lowercase letter";
}
else if(ch>=48 && ch<=57)
{
    //all digits [0 to 9] ASCII values range between 48 and 57
    cout<<"\nYou entered a digit";
}
else
{
    cout<<"\nYou entered a special character";
}
return 0;
}
```

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## OUTPUT:



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