```c
#define _CRT_SECURE_NO_WARNINGS
#include <stdio.h>

/*
Title: What's in the Cylinder?
Author: Adolfo Gante
Date: 02/27/2020
Description: Reports the contents of a compressed-gas cylinder based on
the first letter
of the cylinder's color.

*/

int main(void)
{
    char color = ' ';

    printf("What's the color of the cylinder?\n");
    printf("Y for Yellow, G for Green, B for Brown, O for Orange:\n");
    scanf("%c", &color);

    if (toupper(color) == 'Y')
    {
            printf("It's Hydrogen.\n");
    }
    else if (toupper(color) == 'G')
    {
            printf("It's Oxygen.\n");
    }
    else if (toupper(color) == 'B')
    {
            printf("It's Carbon monoxide.\n");
    }
    else if (toupper(color) == 'O')
    {
            printf("It's Ammonia.\n");
    }
    else
    {
            printf("Contents Unknown\n");
    }

    return(0);
}
```