```c
/*

  Program to Check Whether the Given Number is an Armstrong Number
*/


#include <stdio.h>


main()
{
    int n, temp, d, arm=0;

    printf("\nEnter any number: ");
    scanf("%d", &n);
    temp = n;


    while (temp > 0)
    {
        d = temp%10;
        temp = temp/10;
        arm = arm + (d*d*d);
    }

    if (arm == n)
        printf("\n\n%d is an Armstrong number\n", n);
    else
        printf("\n\n%d is not an Armstrong number\n", n);
    getch();
}
```