

C Online Compiler

main.c

Output

```
1 // Online C compiler to run C program online
2 #include<stdio.h>
3 #include<math.h>
4 int main(){
5     int number,
6     originalNumber,
7     remainder, n, result = 0;
8     printf("Enter number :");
9     scanf("%d",&number);
10    originalNumber = number;
11    n=(int) log10(number) + 1;
12    while (originalNumber !=0)
13    {
14        remainder =
15        originalNumber % 10;
16
17        result += pow(remainder, n);
18        originalNumber /= 10;
19    }
20    if (result == number) {
21        printf("The given number %d is a armstrong number \n", number);
22    }
23    else{
24        printf("The given number %d is not a armstrong number \n", number);
25    }
26    return 0;
27 }
28
```

Run