

X


swayam.gov.in

[NPTEL](https://swayam.gov.in/nc_details/NPTEL)
rajeshborate08@gmail.com
[NPTEL](https://swayam.gov.in/explorer?ncCode=NPTEL) » [Programming in Java \(course\)](#)
[Announcements \(announcements\)](#)
[About the Course](https://swayam.gov.in/nd1_noc20_cs08/preview) [Ask a Question \(forum\)](#)
[Progress \(student/home\)](#) [Mentor \(student/mentor\)](#)

Register for
Certification
exam

[\(https://nptelaprilexam.swayam.gov.in/\)](https://nptelaprilexam.swayam.gov.in/)

Java Week 1:Q4

Due on 2020-02-13, 23:59 IST

Complete the code segment to **check whether the number is an Armstrong number or not.**

Course outline

How does an
NPTEL online
course work?

Week 0 :

Week 1 :

● Lecture 01 :
Introduction
(unit?
unit=2&lesson=15)

● Lecture 02 :
Java
Programming
Steps (unit?
unit=2&lesson=16)

● Lecture 03 :
Java Tools and
Resources

Private Test cases used for evaluation

Test Case 1

Input	Expected Output	Actual Output	Status
20 3	0	0\n	Passed
0	1	1\n	Passed
1	1	1\n	Passed

Test Case 2

Test Case 3

Due Date Exceeded.
3 out of 3 tests passed.
You scored 100.0/100.

Your last recorded submission was :

```

1 import java.util.Scanner;
2 public class Exercise1_4 {
3     public static void main(String[] args) {
4         Scanner sc = new Scanner(System.in);
5         int n=sc.nextInt();
6         int result=0;
7         int sum=0,rem=0,a=n;
8
9         while(n>0){
10             rem=n%10;
11             sum=sum+(rem*rem*rem);

```

(unit?
unit=2&lesson=17)

● Lecture 04 :
Demonstration-
I (unit?
unit=2&lesson=18)

● Lecture 05 :
Java Applet
Programming
(unit?
unit=2&lesson=19)

● Quiz :
Assignment 1
(assessment?
name=93)

● Java Week
1:Q1
(/noc20_cs08/progassign?
name=101)

● Java Week
1:Q2
(/noc20_cs08/progassign?
name=102)

● Java Week
1:Q3
(/noc20_cs08/progassignment?
name=103)

● Java Week
1:Q4
(/noc20_cs08/progassignment?
name=105)

● Java Week
1:Q5
(/noc20_cs08/progassignment?
name=106)

● Feedback For
Week 1 (unit?
unit=2&lesson=112)

Week 2 :

Week 3 :

Week 4 :

Week 5 :

**DOWNLOAD
VIDEOS**

```

12     n/=10;
13 }
14 if(sum==a){
15     System.out.println("1");
16 }
17 else{
18     System.out.println("0");
19 }
20 //Use while loop check the number is Armstrong or not.
21 //store the output(1 or 0) in result variable.
22 }
23 }

```

Sample solutions (Provided by instructor)

Select the Language . Java ▼

```

1 import java.util.Scanner;
2 public class Exercise1_4 {
3     public static void main(String[] args) {
4         Scanner sc = new Scanner(System.in);
5         int n=sc.nextInt();
6         int result=0;
7         int temp=n;
8         int c=0,t;
9         //Use while loop to check the number is Armstrong or not.
10        while(n>0)
11        {
12            t=n%10;
13            n=n/10;
14            c=c+(t*t*t);
15        }
16        if(temp==c)
17            result=1;
18        else
19            result=0;
20        //Evaluation code
21        System.out.println(result);
22    }
23 }

```

**Assignment
Solution**