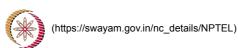
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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Programming in Java (course)

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

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 (https://nptelaprilexam.swayan.gov.in/)

Course
outline

How does an NPTEL online course work?

Week 0:

Week 1:

Lecture 01 :

Lecture 02 :

Introduction (unit? unit=2&lesson=15)

Java
Programming
Steps (unit?
unit=2&lesson=16)

Lecture 03 : Java Tools and Resources

Private	Test	cases	used	for
evaluati	on			

Test Case 1

Test Case 2

Test Case 3

Input	Expected Output	Actual Output	Status
20 3	0	0\n	Passe d
0	1	1\n	Passe d
1	1	1\n	Passe d

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

Your last recorded submission was :

```
import java.util.Scanner;
public class Exercise1_4 {
   public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n=sc.nextInt();
        int result=0;
   int sum=0,rem=0,a=n;

while(n>0){
   rem=n%10;
   sum=sum+(rem*rem*rem);
```

```
12
                                n/=10;
   (unit?
                             }
if(sum==a){
                          13
   unit=2&lesson=17)
                          14
                             System.out.println("1");
                          15
Lecture 04 :
                          16
   Demonstration-
                          17
                             else{
                          18
                                System.out.println("0");
   I (unit?
                          19
   unit=2&lesson=18)
                             //Use while loop check the number is Armstrong or not.
                          20
                          21
                             //store the output(1 or 0) in result variable.
Lecture 05 :
   Java Applet
   Programming
                        Sample solutions (Provided by instructor)
   (unit?
                        Select the Language . Java ▼
   unit=2&lesson=19)
                           import java.util.Scanner;
public class Exercise1_4 {
   public static void main(String[] args) {
 Quiz :
   Assignment 1
                           4
                                      Scanner sc = new Scanner(System.in);
                                      int n=sc.nextInt();
   (assessment?
                           6
                                           int result=0;
   name=93)
                             int temp=n;
                             int c=0,t; //Use while loop to check the number is Armstrong or not.
                           8
 Java Week
                           9
                                  while(n>0)
                          10
   1:Q1
                          11
   (/noc20 cs08/progassic
                          12
                                       t=n%10;
                                       n=n/10;
c=c+(t*t*t);
   name=101)
                          13
                          14
                          15
 Java Week
                          16
                                  if(temp==c)
   1:Q2
                                       result=1;
                          17
   (/noc20_cs08/progassig
                          18
                                  else
                          19
                                       result=0;
   name=102)
                                  //Evaluation code
System.out.println(result);
                          20
                          21
 Java Week
                          22
   1:03
                          23
                             }
   (/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
```

Assignment Solution