

02/03/2023

Newton School

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My Roles

Dr.

Back

Odd or Even - Control Structure...

Cheatsheet

Take a Tour

Report

Time Limit: 2 sec

Memory Limit: 128000 kB

Problem Statement

Write a program to check whether a number is even or odd using switch case.

Input

First Line of the input contains the number n.

Constraints

$1 \leq n \leq 1e9$

Output

If the number is even print "Even" otherwise "Odd"

Example

Sample Input:
23

Sample Output:
Odd

Sample Input:
24

Java (OpenJDK 13.0.1)

```
1 import java.io.*; // for handling input/output
2 import java.util.*; // contains Collections framework
3
4 // don't change the name of this class
5 // you can add inner classes if needed
6 class Main {
7     public static void main (String[] args) {
8         // Your code here
9         int number;
10        Scanner sc = new Scanner(System.in);
11        number = sc.nextInt();
12        int choice = number%2;
13        switch(choice) {
14            case 0 : System.out.println("Even");
15                    break;
16            case 1 : System.out.println("Odd");
17                    break;
18        }
19    }
20 }
21
22 
```

number

24

choice

0

Support

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https://my.newtonschool.co/playground/code/k92s8wp4tvyz/

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Refer a friend

My Roles

DI Dr

Is Alphabet? - Control Structure...
by Dr. Darshan Ingle

CheatsheetTake a TourReport

Question

Status

Is Alphabet? easy

Time Limit: 2 sec
Memory Limit: 128000 kB

View Solution

Problem Statement

Write a program to check whether character is an alphabet or not using conditional operator.

Input
The first line of the input contains a character.

Constraints
'a', 'A' <= ch <= 'z', 'Z'

Output
Print "YES" if it's alphabet otherwise "NO".

Example
Sample Input:
a

Java (OpenJDK 13.0.1)

16px

Run

Submit

```
1 import java.io.*; // for handling input/output
2 import java.util.*; // contains Collections framework
3
4 // don't change the name of this class
5 // you can add inner classes if needed
6 class Main {
7     public static void main (String[] args) {
8         // Your code here
9
10        char c;
11    }
12}
```

Handwritten notes:
c = sc.nextLine();
if ((c >= 'A' && c <= 'Z') || (c >= 'a' && c <= 'z'))
 SoplN("YES");
else
 SoplN("NO");

Input

Output

Error

Support

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Inbox (33,678) - ingledars... x 7_8.jpg (2048x2048) x Newton School x Newton School x Online Java Compiler - onli... x scan character using scan... x

my.newtonschool.co/lecture/stt16nozhpja/live/

REC

Control Structures, If else ladder, Switch case, Ternary Operator

01:15:43 50

String c;
c = 'Darshan';

c

'Darshan'

char c; // can store only one c
c = 'Darshan'; // wrong
c = 'D';

char c;

c = sc.nextLine().charAt(0);

String c;
c = sc.nextLine();

Stop Sharing

Expand Preview

Screen - Dr. Darsha... (you)

DI

Dr. Darsha... (you)

Chat

To everyone

ch hai sir shayad

Siri 7m ago

input

Lohitakh 6m ago

nextChar() hai shayad

Geetanjali Mahadeo S... 4m ago

Message...

Start Open Session

Stop Sharing

Video Off

Mic On

More

Leave

Chat

Today's Agenda

Participants

Polls

```
J Main.java x
J Main.java
42 //          System.out.println("N0");
43 //      }
44 // }
45
46 // import java.util.*;
47 // class Main {
48 //     public static void main (String[] args)
49 //     {
50 //         char c;
51 //         Scanner sc = new Scanner(System.in);
52 //         c = sc.next().charAt(1); // D@d
53 //         System.out.println("Scanned character is: "+c);
54 //     }
55 // }
56
57
58
```

0 1 2 → index (they always start at 0)

p	a	d
---	---	---

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

D@d
Scanned character is: @
(base) ingledarshan@192 NS 02 Mar 2023 %

Ln 57, Col 1 Spaces: 4 UTF-8 LF Java

<https://my.newtonschool.co/playground/code/pcwchol3ip01/>

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REC Control Structures, If else ladder, Switch case, Ternary Operator 02:01:12 49

Switch (choice)

- case 1:
- case 3:
- case 5:
- case 7:
- case 9:
- case 11: `System.out.println("31"); break;`
- case 2: `System.out.println("28"); break;`
- case 4:
- case 6:
- case 8:
- case 10:
- case 12: `System.out.println("30"); break;`
- default: `System.out.println("Bogus Number");`

Your screen is being shared

Stop Sharing Expand Preview

Screen - Dr. Darsha... (you)

Chat

To everyone

ok

Lohitakash 3m ago
ab aap srk mohbatein ke hain

Arunangshu Mullick 2m ago
II lagega ?

Vipul Balian just now
if else se v ho skta h na

Arunangshu Mullick just now
Bogus month wala example jayysa

sanjeet Arya just now
11 missing

Arunangshu Mullick just now
na na wo example jayysa ye logic hai

Vipul Balian just now
nhi hai uper @sanjeet

Siri just now
uper h

Message..

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