CS23333-Object Oriented Programming Using Java-2023

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Status	Finished
Started	Saturday, 5 October 2024, 11:46 PM
Completed	Saturday, 5 October 2024, 11:47 PM
Duration	1 min 55 secs

Question 1

Correct

Marked out of 5.00

⚑ Flag question

Write a program to find whether the given input number is Odd.

If the given number is odd, the program should return 2 else It should return 1.

Note: The number passed to the program can either be negative. positive or zero. Zero should NOT be treated as Odd.

For example:

Input	Result
123	2
456	1

Answer: (penalty regime: 0 %)

```java
1  import java.util.Scanner;
2  public class oddorEven{
3  public static void main(String[]args){
4  Scanner s=new Scanner(System.in);
5  int number = s.nextInt();
6  if(number %2==0){
7      System.out.println(1);
8  }
9  else {
10      System.out.println(2);
11  }
12  }
13  }
14
```

	Input	Expected	Got	
	123	2	2	
	456	1	1	

Passed all tests!

Question 2

Correct

Marked out of 5.00

⚑ Flag question

Write a program that returns the last digit of the given number. Last digit is being referred to the least significant digit i.e. the digit in the ones (units) place in the given number.

The last digit should be returned as a positive number.

For example,

if the given number is 197, the last digit is 7

if the given number is -197, the last digit is 7

For example:

Input	Result
197	7
-197	7

Answer: (penalty regime: 0 %)

```java
1  import java.util.Scanner;
2  import java.lang.Math;
3  public class LastDigit{
4      public static void main(String[]args){
```

```
 5        Scanner s=new Scanner(System.in);
 6        int a = s.nextInt();
 7        int lastDigit=Math.abs(a%10);
 8        System.out.println(lastDigit);
 9      }
10    }
11
```

	Input	Expected	Got	
	197	7	7	
	-197	7	7	

Passed all tests!

Rohit wants to add the last digits of two given numbers.

For example,

If the given numbers are 267 and 154, the output should be 11.

Below is the explanation:

Last digit of the 267 is 7

Last digit of the 154 is 4

Sum of 7 and 4 = 11

Write a program to help Rohit achieve this for any given two numbers.

Note: Tile sign of the input numbers should be ignored.

i.e.

if the input numbers are 267 and 154, the sum of last two digits should be 11

if the input numbers are 267 and -154, the slim of last two digits should be 11

if the input numbers are -267 and 154, the sum of last two digits should be 11

if the input numbers are -267 and -154, the sum of last two digits should be 11

For example:

Input	Result
267 154	11
267 -154	11
-267 154	11
-267 -154	11

Answer: (penalty regime: 0 %)

```
 1  import java.util.Scanner;
 2  import java.lang.Math;
 3  public class number{
 4      public static void main(String[]args){
 5          Scanner s= new Scanner(System.in);
 6          int a = s.nextInt();
 7          int b = s.nextInt();
 8          System.out.println(Math.abs(a)%10+Math.abs(b)%10);
 9      }
10  }
11
```

	Input	Expected	Got	
	267 154	11	11	
	267 -154	11	11	
	-267 154	11	11	
	-267 -154	11	11	

Passed all tests!

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