

DATE:26/03/2024

PROGRAM-5

LAB-2

AIM:-WAP TO DETRMINE THE INPUT NUMBER ID PALINDROME OR NOT.

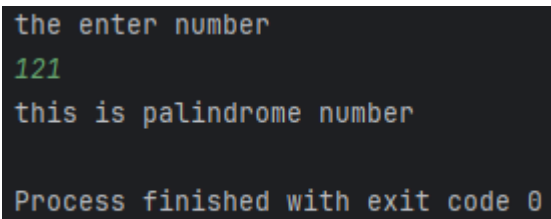
CODE:

```
import java.util.*;

public class lab_2_5 {
    lab_2_5(){
        Scanner sc= new Scanner(System.in);
        System.out.println("the enter number ");
        int num= sc.nextInt();
        int s=0,c,r;
        c=num;
        while(num>0) {
            r = num % 10;
            s = (s * 10) + r;
            num = num / 10;
        }
        if(c==s){
            System.out.println("this is palindrome number ");
        }
        else{
            System.out.println("this is not a palindrome number ");
        }
    }
}
```

```
}  
public static void main(String[] args) {  
    new lab_2_5();  
}  
}
```

OUTPUT:

A screenshot of a terminal window with a dark background. The text is displayed in a monospaced font. The first line is 'the enter number' in light blue. The second line is '121' in green. The third line is 'this is palindrome number' in light blue. The fourth line is 'Process finished with exit code 0' in light blue.

```
the enter number  
121  
this is palindrome number  
  
Process finished with exit code 0
```