

```
welcome.py christian.py christian.py Untitled Integri X Untitled
File Edit View

import java.util.Scanner;
public class Integers{
    public static void main(String[] args){
        Scanner reader = new Scanner(System.in);
        System.out.print("Enter three digits: ");
        int number = reader.nextInt();

        int digit1 = (number)/100;
        int digit2 = ((number)/10)%10;
        int digit3 = (number)%10;
        if(digit1 == digit3){
            System.out.printf("%d is a palindrome", number);
        }
        else if(digit1 != digit3){
            System.out.printf("%d is not a palindrome", number);
        }
    }
}

PSEUDOCODE
STAGE1
Prompt the user to collect three digits
determine whether it is a palindrome integer or not
STAGE2
Prompt the user to enter three digits
collect the three digits
store the digits as "Number"
calculate first integer using;
(Number)/100
Store the result as "Digit1"
calculate the second integer using;
(Number/10)%10
store the result as Digit2
```

Ln 30 Col 29 1128 characters 100% Windows (CRLF) UTF-8

```
C:\Windows\System32\cmd.e X + v
Microsoft Windows [Version 10.0.22631.4317]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Dell\Documents>javac Integers.java

C:\Users\Dell\Documents>java Integers
Enter three digits: 3
3 is not a palindrome
C:\Users\Dell\Documents>java Integers
Enter three digits: 435
435 is not a palindrome
C:\Users\Dell\Documents>java Integers
Enter three digits: 353
353 is a palindrome
C:\Users\Dell\Documents>java Integers
Enter three digits: 121
121 is a palindrome
C:\Users\Dell\Documents>
```



```
welcome.py christian.py christian.py Untitled Integ X Untitled + - □ X
```

```
File Edit View
```

```
    System.out.printf("%d is a palindrome", number);  
}  
else if(digit1 != digit3){  
    System.out.printf("%d is not a palindrome", number);  
}  
}  
}
```

PSEUDOCODE

STAGE1

Prompt the user to collect three digits
determine whether it is a palindrome integer or not

STAGE2

Prompt the user to enter three digits
collect the three digits
store the digits as "Number"
calculate first integer using;
(Number)/100
Store the result as "Digit1"
calculate the second integer using;
(Number/10)%10
store the result as Digit2
calculate the third integer using;
(Number)%10
Store the result as Digit3
write the three digit in the order;
digit1 digit2 Digit3
if(digit1 is equal to digit3)
Display Number is a palindrome
if(digit1 is not equal to digit3)
display Number is not a palindrome

Ln 45, Col 1 1128 characters 100% Windows (CRLF) UTF-8

```
C:\Windows\System32\cmd.e X + v -
```

```
Microsoft Windows [Version 10.0.22631.4317]  
(c) Microsoft Corporation. All rights reserved.
```

```
C:\Users\Dell\Documents>javac Integers.java
```

```
C:\Users\Dell\Documents>java Integers  
Enter three digits: 3  
3 is not a palindrome  
C:\Users\Dell\Documents>java Integers  
Enter three digits: 435  
435 is not a palindrome  
C:\Users\Dell\Documents>java Integers  
Enter three digits: 353  
353 is a palindrome  
C:\Users\Dell\Documents>java Integers  
Enter three digits: 121  
121 is a palindrome  
C:\Users\Dell\Documents>
```