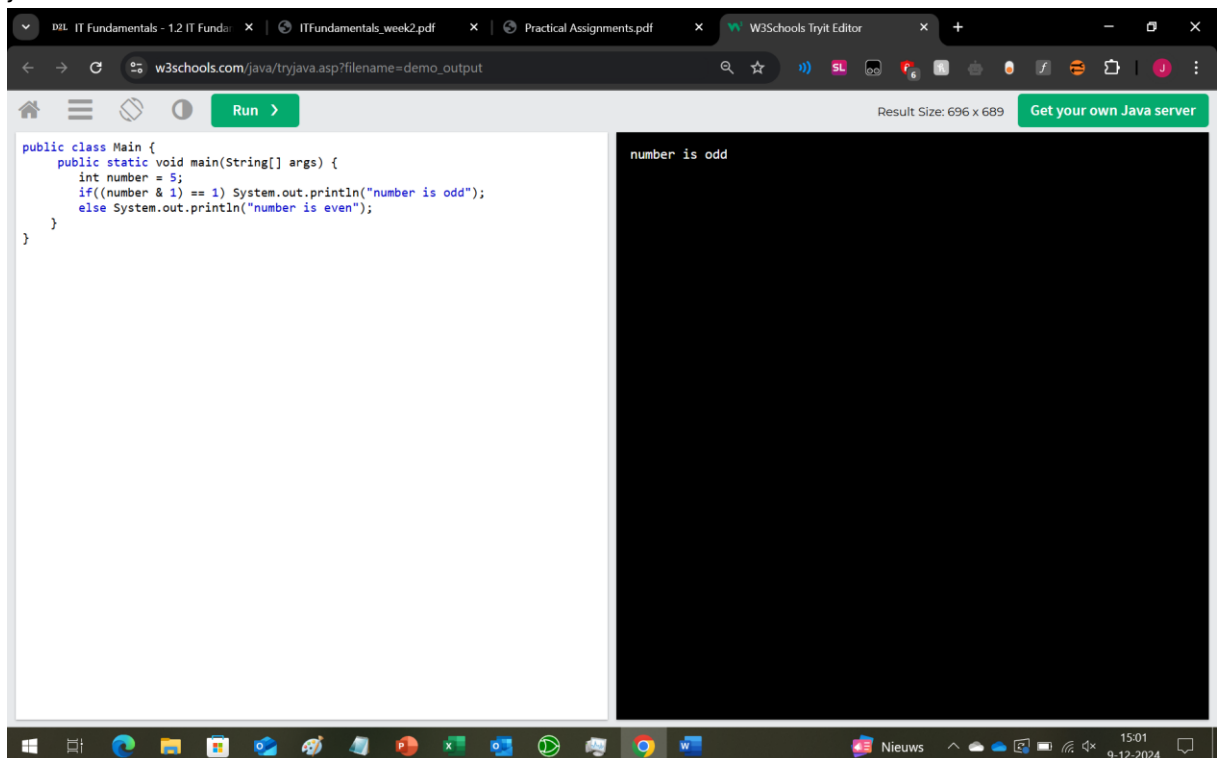


Bonus point assignment – week 2

Create a java program that accepts user input and presents a menu with options.

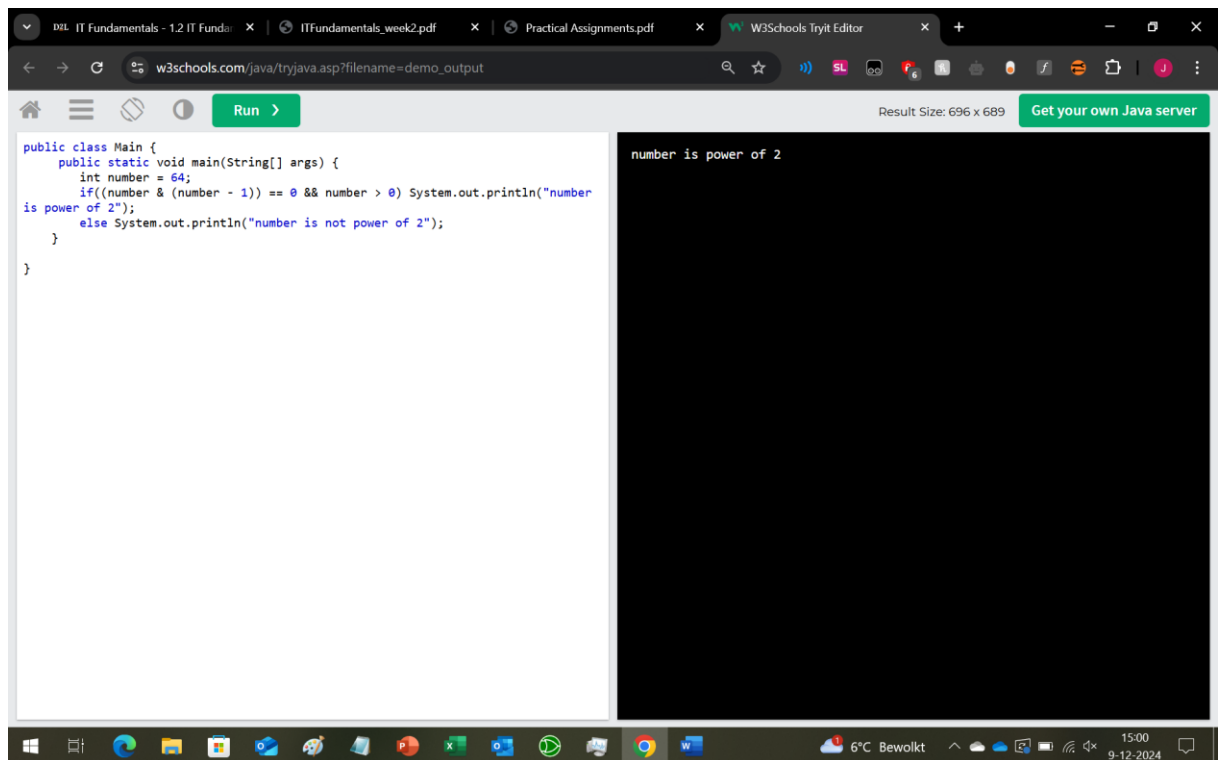
1. Is number odd?

```
public class Main {  
    public static void main(String[] args) {  
        int number = 5;  
        if((number & 1) == 1) System.out.println("number is odd");  
        else System.out.println("number is even");  
    }  
}
```



2. Is number a power of 2?

```
public class Main {  
    public static void main(String[] args) {  
        int number = 64;  
        if((number & (number - 1)) == 0 && number > 0)  
            System.out.println("number is power of 2");  
        else System.out.println("number is not power of 2");  
    }  
}
```



```
3) public class Main {  
    public static void main(String[] args) {  
        int number = 5;  
        int Twocompliment=~number+1;  
        System.out.println("Number: "+ number);  
        System.out.println("Number: "+ Twocompliment);  
    }  
}
```

W3Schools Tryit Editor

w3schools.com/java/tryjava.asp?filename=demo_output

Run

Result Size: 696 x 689

Get your own Java server

```
public class Main {  
    public static void main(String[] args) {  
        int number = 5;  
        int Twocompliment=number+1;  
        System.out.println("Number: "+ number);  
        System.out.println("Number: "+ Twocompliment);  
    }  
}
```

Number: 5
Number: -5

6°C Bewolkt 14:55 9-12-2024