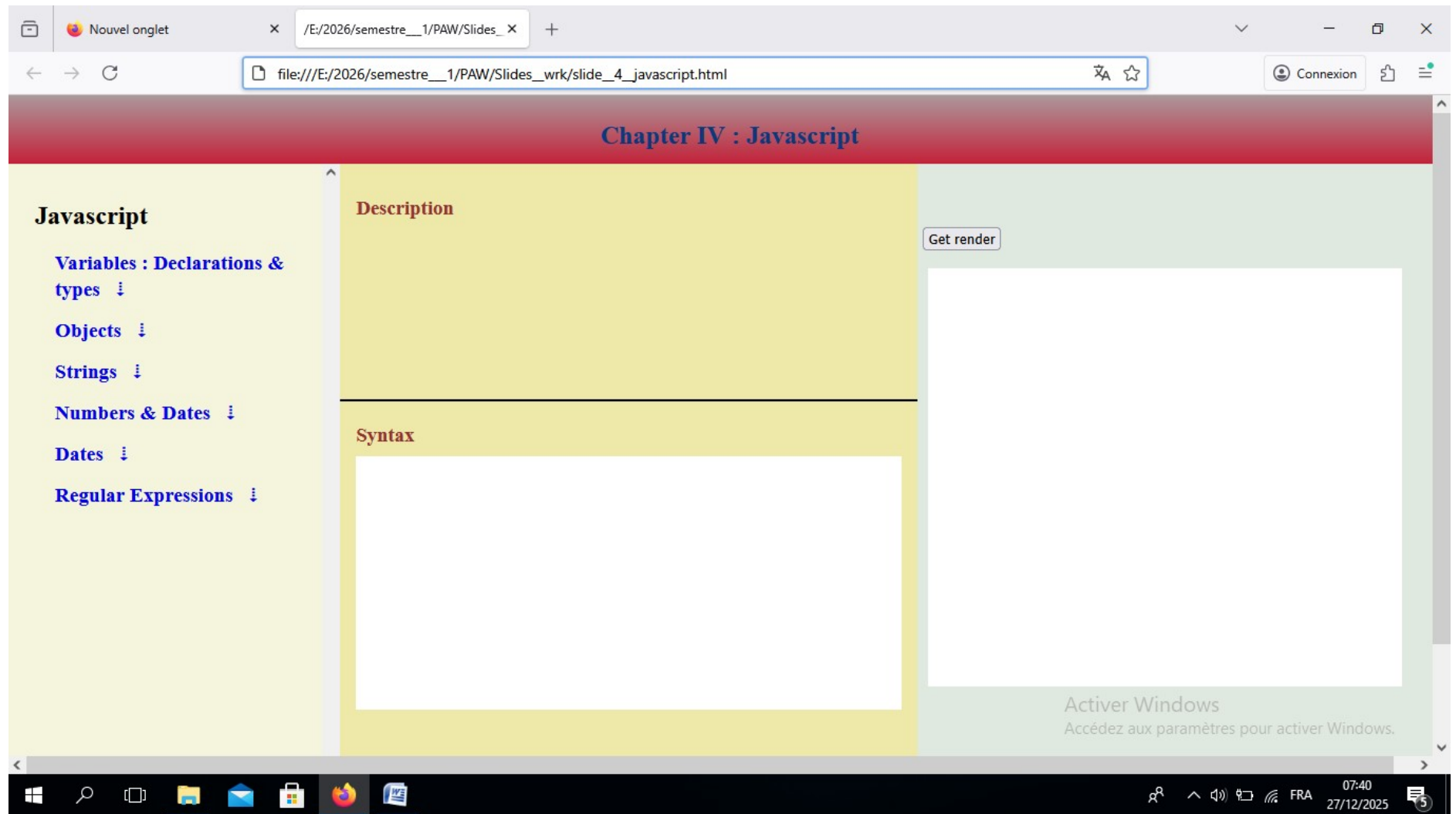




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## Chapter IV : Javascript

### Javascript

- Variables : Declarations & types ↓
- Objects ↓
- Strings ↓
- Numbers & Dates ↓
- Dates ↓
- Regular Expressions** ⌵
  - [Defining RegExp](#)
  - [Character Classes](#)
  - [Quantifiers \(Repetition\)](#)
  - [Assertions](#)
  - [Groups](#)
  - [Pattern matching](#)
  - [RegExp object](#)

#### Description

Individual literal characters can be combined into character classes by placing them within square brackets.

#### Constructor

[RegExp\(\)](#)

---

#### Syntax

Get render

Activer Windows  
Accédez aux paramètres pour activer Windows.

javascript:

Windows Taskbar

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## Chapter IV : Javascript

### Javascript

- Variables : Declarations & types ↓
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- Regular Expressions** ⌄
  - [Defining RegExp](#)
  - [Character Classes](#)
  - [Quantifiers \(Repetition\)](#)
  - [Assertions](#)
  - [Groups](#)
  - [Pattern matching](#)
  - [RegExp object](#)

#### Description

Individual literal characters can be combined into character classes by placing them within square brackets.

#### Constructor

[RegExp\(\)](#)

#### Syntax

```
<script>
  var rg_expr_pttrn = new RegExp('s$');

  var patrn = /s$/;
  is_it_matching = patrn.test('several several');
  document.write('Match1 : ' + is_it_matching + '<br>');
  patrn2 = /oo?/;
  is_it_matching = patrn2.test('zoom google');
  document.write('Match2 : ' + is_it_matching + '<br>');
  patrn3 = /oo{3,4}/;
  is_it_matching = patrn3.test('zoom google');
  document.write('Match3 : ' + is_it_matching + '<br>');
  patrn4 = /^[A-Z]/;
  is_it_matching = patrn4.test('it Begins Maj');
```

Get render

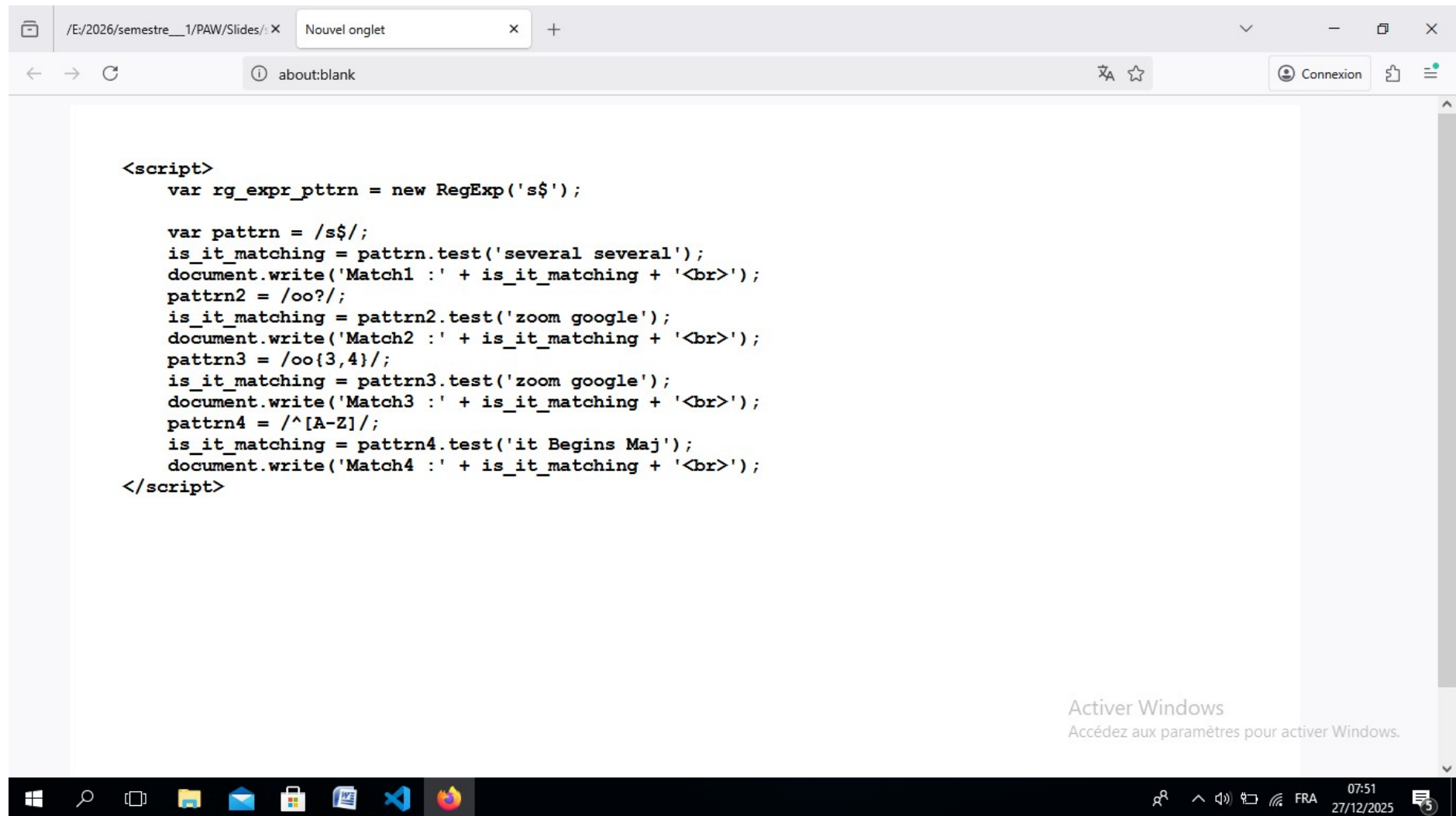
Activer Windows  
Accédez aux paramètres pour activer Windows.

07:43

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## Chapter IV : Javascript

## Javascript

### Variables : Declarations & types ↓

## Objects ↓

## Strings ↓

## Numbers & Dates

## Dates

## Regular Expressions

### Defining RegExp

## Character Classes

### Quantifiers (Repetition)

### Assertions

## Groups

## Pattern matching

### RegExp object

### Description

Individual literal characters can be combined into character classes by placing them within square brackets.

## Constructor

RegExp0.

## Syntax

```
<script>
    var rg_expr_pttrn = new RegExp('$s$');

    var pattrn = /s$/;
    is_it_matching = pattrn.test('several several');
    document.write('Match1 : ' + is_it_matching + '<br>');
    pattrn2 = /oo?/;
    is_it_matching = pattrn2.test('zoom google');
    document.write('Match2 : ' + is_it_matching + '<br>');
    pattrn3 = /oo{3,4}/;
    is_it_matching = pattrn3.test('zoom google');
    document.write('Match3 : ' + is_it_matching + '<br>');
    pattrn4 = /^[A-Z]/;
    is_it_matching = pattrn4.test('it Begins Maj');
    document.write('Match4 : ' + is_it_matching + '<br>');
```

Get render

```
Match1 :false
Match2 :true
Match3 :false
Match4 :false
```



## Chapter IV : Javascript

## Javascript

### Variables : Declarations & types ↓

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## Numbers & Dates

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### Defining RegExp

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## Groups

## Pattern matching

### RegExp object

### Description

Character classes distinguish kinds of characters such as, for example, distinguishing between letters and digits.

## Classes

**[..]** Any one character between the brackets.

**[^..]** Any one character not between the brackets.

\w Any ASCII word character. Equivalent to [a-zA-Z0-9\_].

W Any character that is not an ASCII word character.

Equivalent to `[^a-zA-Z0-9_]`.

**\d** Any ASCII digit. Equivalent to [0-9].

**\D** Any character other than an ASCII digit. Equivalent to `[^0-9]`.

\s Any Unicode whitespace character.

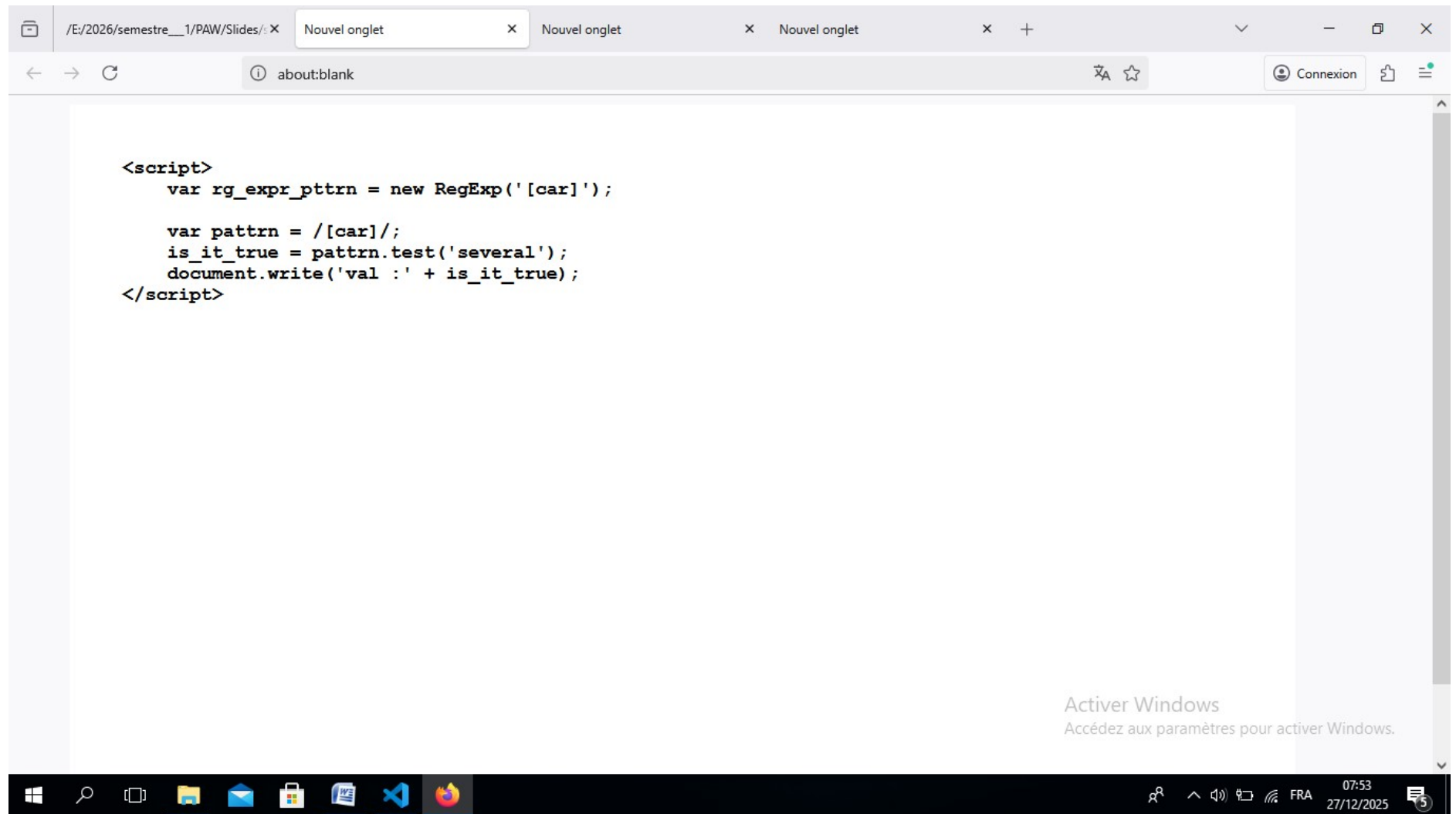
## Syntax

```
<script>
    var rg_expr_pttrn = new RegExp('[car]');

    var pattrn = /[car]/;
    is_it_true = pattrn.test('several');
    document.write('val : ' + is_it_true);
</script>
```

Get render

```
val : true
```



- Variables : Declarations & types ↓**
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- Strings ↓**
- Numbers & Dates ↓**
- Dates ↓**
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  - Defining RegExp
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  - Pattern matching
  - RegExp object

### References

### Defining RegExp

## Character Classes

## Quantifiers (Repetition)

### Assertions

## Groups

## Pattern matching

### Pattern matching

RegExp object

a)  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$       b)  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$       c)  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$       d)  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$

Character classes distinguish kinds of characters such as, for example, distinguishing between letters and digits.

**[..]** Any one character between the brackets.

**[^..]** Any one character not between the brackets.

**W** Any ASCII word character. Equivalent to [a-zA-Z0-9\_].

W Any character that is not an ASCII word character.  
Equivalent to [a-zA-Z0-9\_]

Any ASCII digit. Equivalent to [0-9]

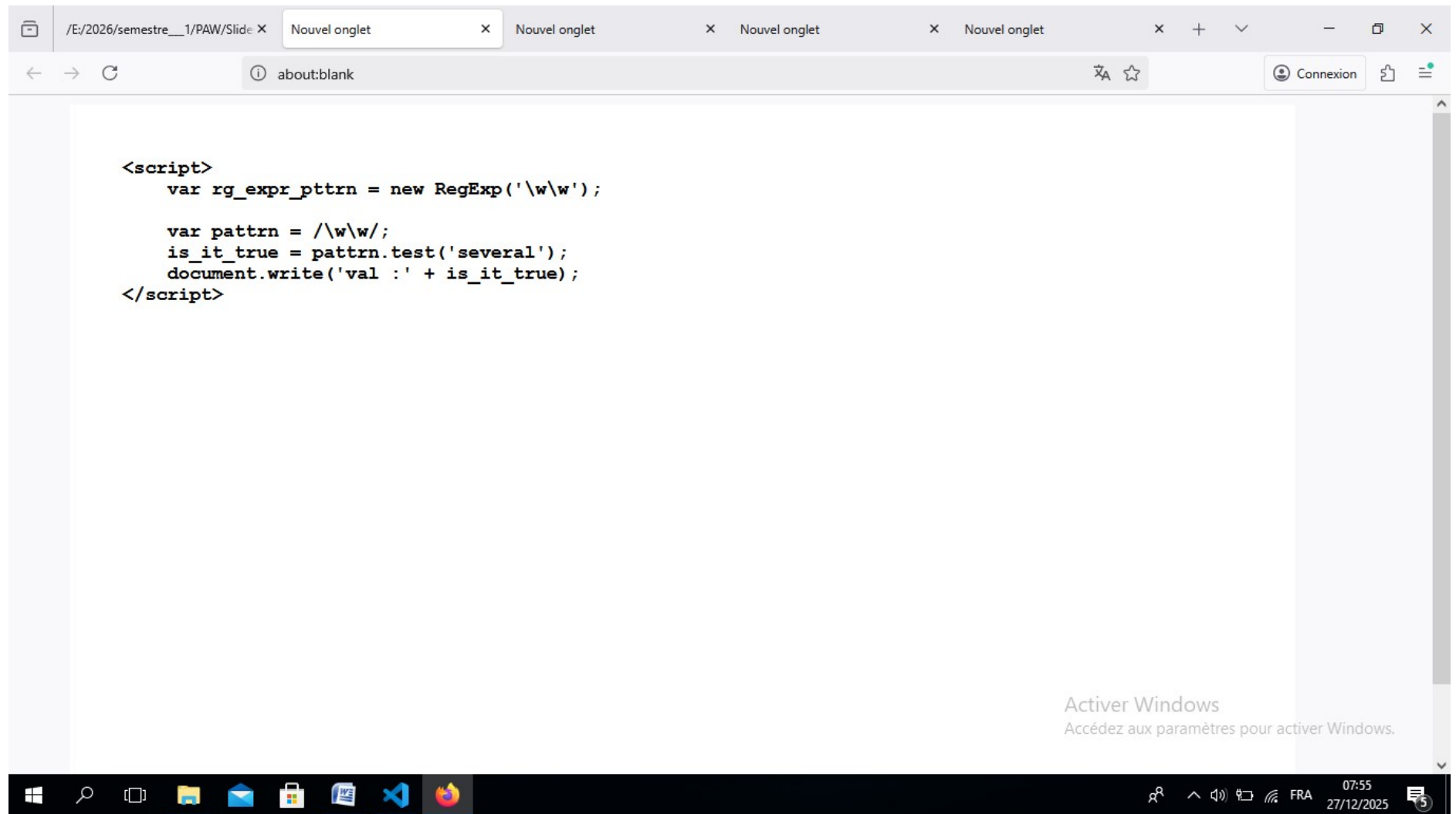
**\D** Any character other than an ASCII digit. Equivalent to `[^0-9]`.

s Any Unicode whitespace character.

---

```
<script>
    var rg_expr_pttrn = new RegExp('\\w\\w');

    var patrn = /\w\\w/;
    is_it_true = patrn.test('several');
    document.write('val : ' + is_it_true);
</script>
```





## Javascript

### Variables : Declarations & types ↓

## Objects ↓

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## Numbers & Dates

## Dates ↓

## Regular Expressions

### Defining RegExp

## Character Classes

## Quantifiers (Repetition)

## Assertions

## Groups

## Pattern matching

RegExp object

### Description

Quantifiers indicate numbers of characters or expressions to match.

Get render

## Classes

**{n,m}** Match at least n times but no more than m times.

**{n,}** Match at least n times but no more.

**{n}** Match exactly n occurrences

? Match zero or one occurrences

+ Match one or more occurrences.

\* Match zero or more occurrences Equivalent to  $[^0-9]^*$ .

## Syntax

Activer Windows

## Javascript

### Variables : Declarations & types ↓

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## Regular Expressions ↑

### Defining RegExp

## Character Classes

### Quantifiers (Repetition)

## Assertions

## Groups

## Pattern matching

RegExp object

### Description

Quantifiers indicate numbers of characters or expressions to match.

Get render

## Classes

**{n,m}** Match at least n times but no more than m times.

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**{n}** Match exactly n occurrences

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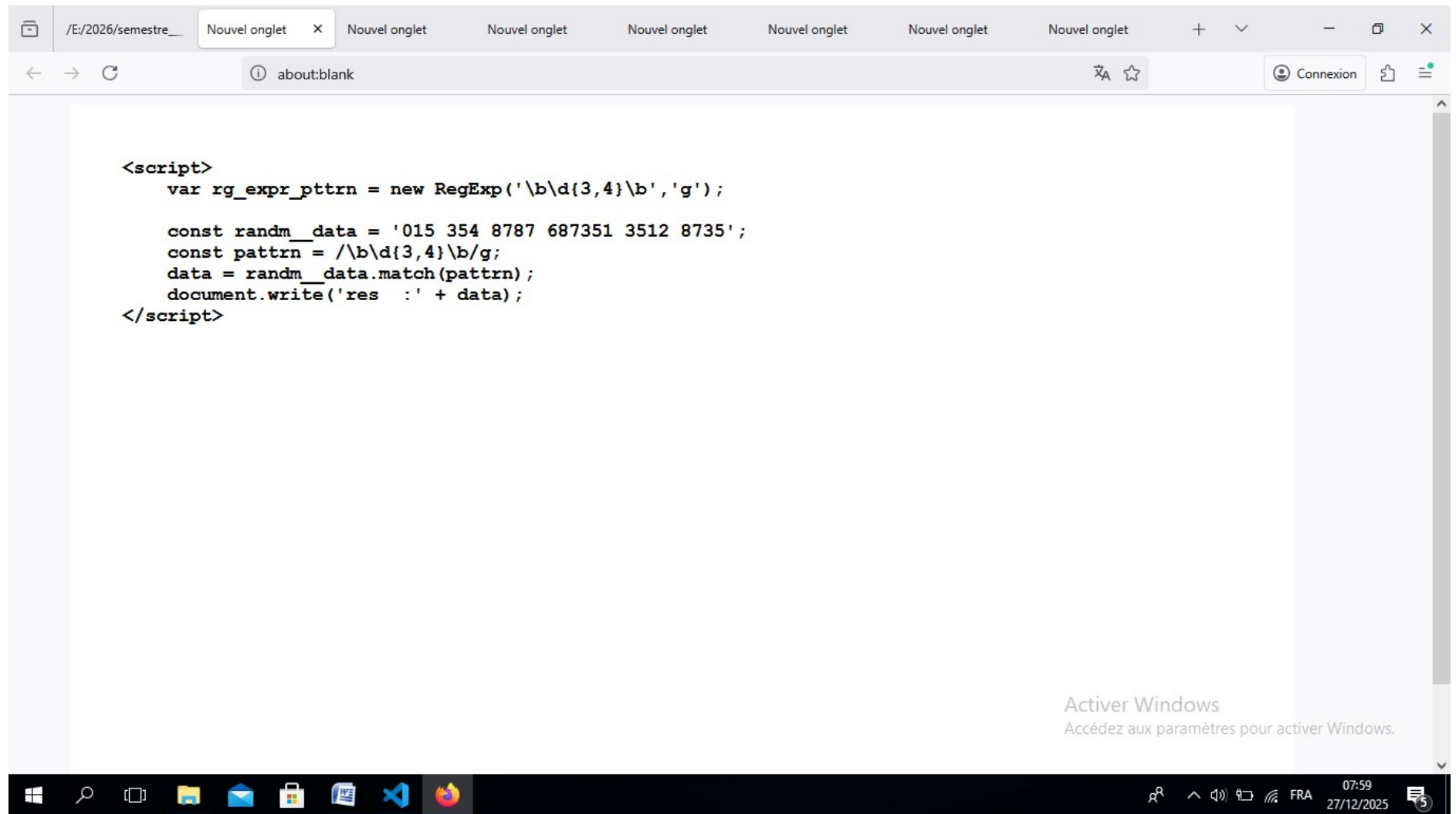
+ Match one or more occurrences.

\* Match zero or more occurrences Equivalent to  $[^0-9]^*$ .

## Syntax

```
<script>
    var rg_expr_pttrn = new RegExp('\\b\\d{3,4}\\b','g');

    const randm_data = '015 354 8787 687351 3512 8735';
    const patrn = '/\\b\\d{3,4}\\b/g';
    data = randm_data.match(patrn);
    document.write('res : ' + data);
</script>
```



RegExp object

\* Match zero or more occurrences Equivalent to  $[^0-9]^*$ .

```
<script>
  var rg_expr_pttrn = new RegExp('\\b\\d{3,4}\\b','g');

  const randm_data = '015 354 8787 687351 3512 8735';
  const pattrn = /\\b\\d{3,4}\\b/g;
  data = randm_data.match(pattrn);
  document.write('res : ' + data);
</script>
```

res :015,354,8787,3512,8735

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JavaScript

Variables : Declarations & types ⌵

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Strings ⌵

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Defining RegExp

Character Classes

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Pattern matching

RegExp object

Description

Quantifiers indicate numbers of characters or expressions to match.

Classes

{n,m}

Match at least n times but no more than m times.

{n,}

Match at least n times but no more.

{n}

Match exactly n occurrences

?

Match zero or one occurrences

+

Match one or more occurrences.

\*

Match zero or more occurrences Equivalent to [^0-9].

Syntax

```
<script>
  var rg_expr_pttrn = new RegExp('\w+ou?r','g');

  const britishText = 'He asked his neighbour a favour.';
  const americanText = 'He asked his neighbor a favor.';
  const pttrn = /\w+ou?r/g;
  british__american_wrd = britishText.match(pttrn);
  //british__american_wrd = americanText.match(pttrn);
  document.write('res : ' + british__american_wrd);
</script>
```

Get render

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Accédez aux paramètres pour activer Windows.

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