**Initiation au codage avec Javascript**

On utilisera la console javascript de Chrome pour réaliser les exercices.

**En mode calculatrice**

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| Opérations arithmétiques | | |
| Entrée | Sortie | Explication |
| 2+5\*8 |  |  |
| (2+5)\*8 |  |  |
| [2+5]\*8 |  |  |
| 2+[5\*8] |  |  |
| 2/0 |  |  |
| -2/0 |  |  |
| 5/2 |  |  |
| 5%2 |  |  |
| 1/0 |  |  |
| -1/0 |  |  |
| 1/’a’ |  |  |

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| Opérations scientifiques | | |
| Entrée | Sortie | Explication |
| Math.pi |  |  |
| Math.PI |  |  |
| Math.cos(PI) |  |  |
| Math.cos(Math.PI) |  |  |
|  | 4.113250…275 | ) |
|  |  |  |

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| Opérations logiques | | |
| Entrée | Sortie | Explication |
| 1>2 |  |  |
| 2>1 |  |  |
| 13&248 |  |  |
| 13&255 |  |  |
| 20>>2 |  |  |
| 1<<3 |  |  |
| 85^127 |  |  |
|  |  |  |

**Chaines de caractères**

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| Manipulation | | |
| Entrée | Sortie | Explication |
| ch1=’Bonjour’ |  |  |
| ch2=’SN1’ |  |  |
| ch1+ch2 |  |  |
|  | ‘Bonjour SN1’ |  |
| ch1[3] |  |  |
|  | ‘’N’’ |  |
| ch1.length() |  |  |
| ch1.substring(3,6) |  |  |
| ch1.toUpperCase() |  |  |
| ch2.toLowerCase() |  |  |

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| Conversions | | |
| Entrée | Sortie | Explication |
| parseInt(‘1001’,2) |  |  |
| parseInt(‘1001’,10) |  |  |
| parseInt(‘1001’,16) |  |  |
| 4097.toString(16) |  |  |
| a=4097 |  |  |
| a.toString(16) |  |  |
| a.toString(10) |  |  |
| a.toString(2) |  |  |

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| Affichages et saisie | | |
| Entrée | Sortie | Explication |
| console.log('Bonjour') |  |  |
| document.write('Bonjour') |  |  |
| alert('Bonjour') |  |  |
| nom = prompt ("Nom:") |  |  |
| alert('Bonjour ' + nom) |  |  |
| confirm(‘Etes-vous sur ?’) |  |  |
|  |  |  |
|  |  |  |

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| Date et heure | | |
| Entrée | Sortie | Explication |
| var date = new Date(); |  |  |
| date.getTime() |  |  |
| date.getHours() |  |  |
| date.getDay() |  |  |
|  |  |  |