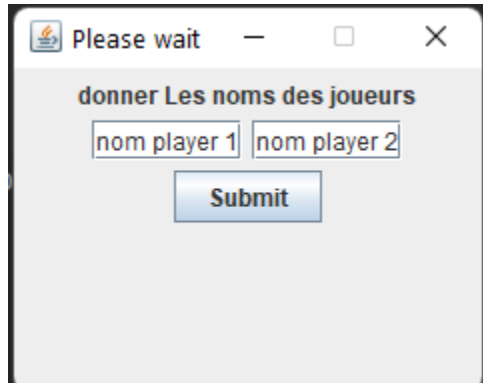Student: Mohamed Sabkhi
Project: Chiffres & Lettres
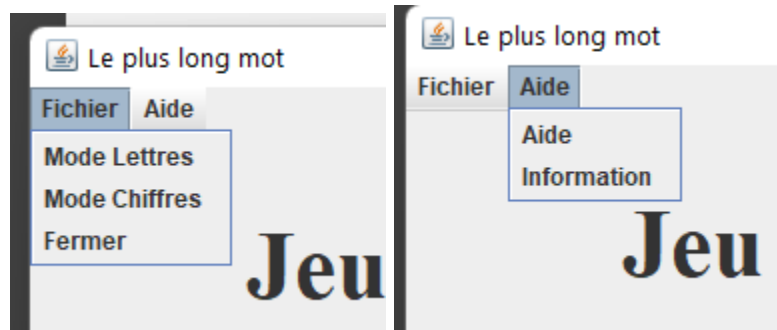
Application start up screen:

On submit, menu screen will appear to choose between two game modes:
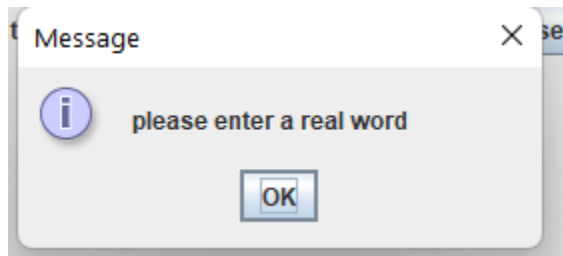
Menu bar:

Mode Lettres:

We'll write the word : fork, it contains 4 letters that will get us scores points.

nom player 2   0.0

Y J R Z K J F O K W W   fork   ☐ I swear this is a true word

Notice that "I swear this is a true word" checkbox is not checked. On valider button click this message will be shown :

t Message   ✕ se

ⓘ   please enter a real word

OK

If we check the box, the program will calculate the score for the current player.

Tour Number:1.0
Mode Lettres   nom player 1   4.0
                     nom player 2   0.0

(Z X V C P N A P R R   forks   ☑ I swear this is a true word

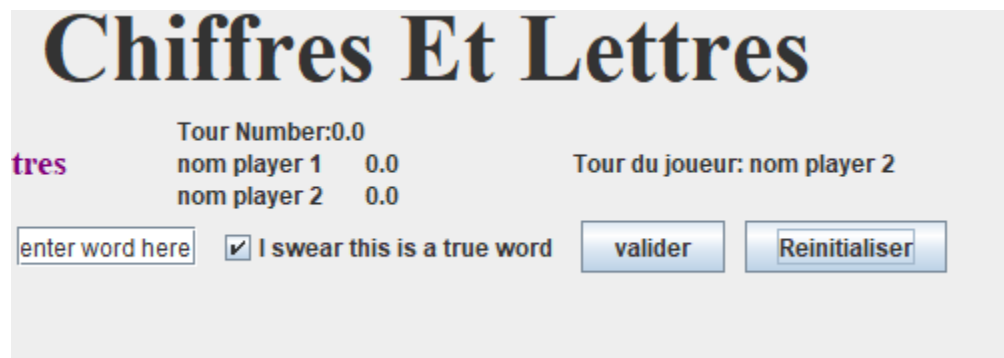**"Tour du joueur "has changed, it indicates that it's second player's turn:**

Tour du joueur: nom player 2

vord   valider   Reinitialiser

After 3 tours, we get a message telling us which player won:

Chiffres Et Let

ettres

Tour Number:3.0
nom player 1   8.0   Tour du
nom player 2   7.0

enter word here   ✔ I swear this is a true word   vali

Message   ✕

(i)   Game Finished!
       Congrats nom player 1

OK

Resinitialiser puts everything back to zero:

Chiffres Et Lettres

tres

Tour Number:0.0
nom player 1   0.0   Tour du joueur: nom player 2
nom player 2   0.0

enter word here   ✔ I swear this is a true word   valider   Reinitialiser

Mode Lettres:

81.0   Chiffres Et Lettres   Mode Chiffres

Tour Number:0.0
nom player 1   0.0
nom player 2   0.0

| 73 |
| 92 |
| 73 |
| 87 |
| 75 |
| 55 |
| 5 |
| 22 |
| 51 |
| 63 |
| 85 |

Tour du joueur: nom player 1 result score: Drop in

valider   Reinitialiser

| * | + | - |
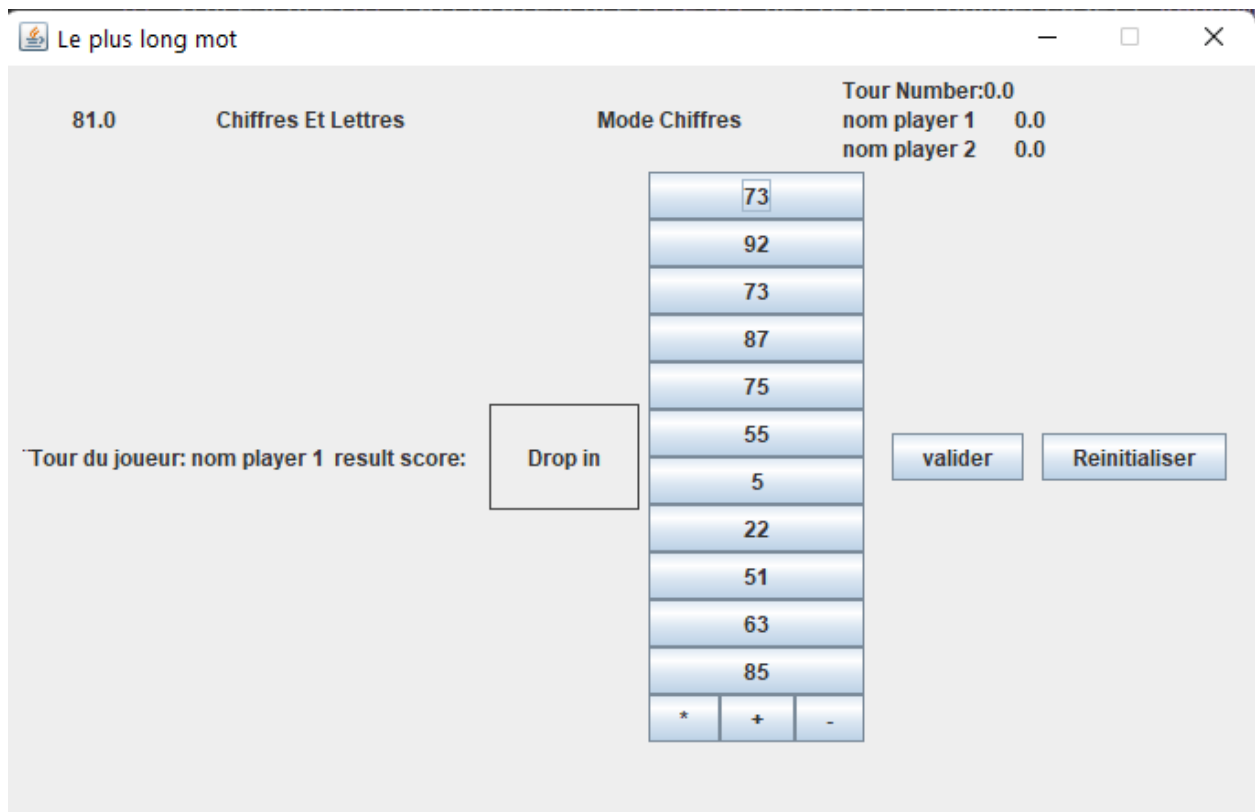
Our target is 81

We drag and drop the numbers and operator into the Drop in Box

| 73 |
| 87 |
| 75 |
| 55 |
| 5 |
| 22 |
| 51 |
| 63 |
| 85 |

ayer 1 result score: 51

75
55
5
22
51
63
85
| * | + | - |
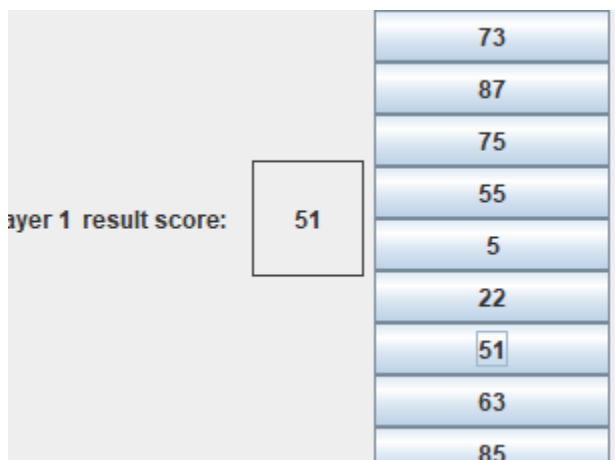
It score: | 22 |

87
75
55
5
22
51
63
85
| * | + | - |

va

When we click "valider" it calculates the score.
Score = 100- abs(target - attempt)

81.0   **Chiffres Et Lettres**   **Mode Chiffres**   Tour Number:0.0
                                                                            nom player 1   0.0
                                                                            nom player 2   92.0

73
92
73
87
75
55
Tour du joueur: nom player 1 Result score:73.0 | 22 | 5 | valider | | Reinitialiser |
22
51
63
85
| * | + | - |

After 3 rounds we get a message giving us the winner who got the highest score:

Tour Number:3.0

Mode Chiffres

nom player 1   59.0

nom player 2   -91.0

80

Message   ×

ⓘ   Game Finished!

Congrats nom player 1

OK

score:49.0   48

valider   Reinitialiser

14

48

14

19

66

*   +   -