

# LU19e - Aufgabe 2 / Task 43: events

## Administration

Füllen Sie die nachfolgenden Felder aus:

**Klasse:** .....

**Vorname:** .....

**Name:** .....

## Vorarbeit

- Verwenden Sie als Basis zu dieser Aufgabe die Lösung **LU06.S08.html**

## Ausgangslage

Beim Auftrag **LU06.S08.html** haben wir einen kleinen Additionsrechner programmiert. Dieser bestand aus

- Ziffernblock 1 für die erste Ziffer, aktuell nur von 1 bis 5 realisiert
- Operator
- Ziffernblock 2 für die zweite Ziffer, aktuell nur von 1 bis 5 realisiert

### LU06.S08

**Little basic calculator, realised with events only**

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|   |   |
|---|---|
| 1 | 2 |
| 3 | 4 |
| 5 |   |

**Diggit1 is set: 5**

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|   |   |
|---|---|
| 1 | 2 |
| 3 | 4 |

**Diggit2 is set: 1**

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|   |
|---|
| + |
|---|

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**Result: 6**

Reset ERG

## Auftrag

- Ergänzen Sie in beiden Ziffernblöcken die Ziffern 6-9.
- Ergänzen Sie den Rechner um die Operatoren **Geteilt** (-), d.h. die zweite Zahl wird von der ersten abgezogen und das Ergebnis korrekt angezeigt
- Ergänzen Sie den Rechner um die Operatoren **Mal** (\*), d.h. die beiden Zahlen werden multipliziert und das Ergebnis korrekt angezeigt
- Die Funktion des Reset-Buttons muss erhalten bleiben.

|                      |                              |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------|------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>Zielzustand 1</b> | Addition zweier Zahlen       | <p><b>ME22f_LB2_A44_DemirVolkan</b></p> <p>Little basic calculator, realised with events only</p> <table border="1"><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td></tr></table> <p><b>Diggit1 is set: 2</b></p> <table border="1"><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td></tr></table> <p><b>Diggit2 is set: 5</b></p> <p>+ * /</p> <p><b>Result: 7</b></p> <p>Reset ERG</p>  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1                    | 2                            | 3  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4                    | 5                            | 6  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7                    | 8                            | 9  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                    | 2                            | 3  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4                    | 5                            | 6  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7                    | 8                            | 9  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <b>Zielzustand 2</b> | Multiplikation zweier Zahlen | <p><b>ME22f_LB2_A44_DemirVolkan</b></p> <p>Little basic calculator, realised with events only</p> <table border="1"><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td></tr></table> <p><b>Diggit1 is set: 6</b></p> <table border="1"><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td></tr></table> <p><b>Diggit2 is set: 3</b></p> <p>+ * /</p> <p><b>Result: 18</b></p> <p>Reset ERG</p> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1                    | 2                            | 3  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4                    | 5                            | 6  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7                    | 8                            | 9  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                    | 2                            | 3  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4                    | 5                            | 6  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7                    | 8                            | 9  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                             |                               |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------|-------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <p><b>Zielzustand 3</b></p> | <p>Division zweier Zahlen</p> | <div style="border: 2px solid red; padding: 5px;"> <h3>ME22f_LB2_A44_DemirVolkan</h3> <p>Little basic calculator, realised with events only</p> <hr/> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> </table> <p><b>Diggit1 is set: 8</b></p> <hr/> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> </table> <p><b>Diggit2 is set: 2</b></p> <hr/> <p style="text-align: center;">+ * /</p> <hr/> <p><b>Result: 4</b></p> <p style="text-align: center;">Reset ERG</p> </div> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1                           | 2                             | 3  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4                           | 5                             | 6  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7                           | 8                             | 9  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                           | 2                             | 3  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4                           | 5                             | 6  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7                           | 8                             | 9  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <p><b>Zielzustand 4</b></p> | <p>Reset des Ergebnisses</p>  | <div style="border: 2px solid red; padding: 5px;"> <h3>ME22f_LB2_A44_DemirVolkan</h3> <p>Little basic calculator, realised with events only</p> <hr/> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> </table> <p><b>Diggit1 is set: 0</b></p> <hr/> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> </table> <p><b>Diggit2 is set: 0</b></p> <hr/> <p style="text-align: center;">+ * /</p> <hr/> <p><b>Result: 0</b></p> <p style="text-align: center;">Reset ERG</p> </div> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1                           | 2                             | 3  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4                           | 5                             | 6  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7                           | 8                             | 9  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                           | 2                             | 3  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4                           | 5                             | 6  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7                           | 8                             | 9  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |



Volkan Demir

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