

**Lampiran 4.1 Hasil statistik Addition Test dan Johnson Pascal Test dengan T-test berpasangan**

**T-Test**

Addition test

**Paired Samples Statistics**

|                   | Mean    | N  | Std. Deviation | Std. Error Mean |
|-------------------|---------|----|----------------|-----------------|
| Pair 1 sebelumadd | 53.9233 | 30 | 10.64971       | 1.94436         |
| add1              | 49.9333 | 30 | 9.86101        | 1.80037         |
| Pair 2 sebelumadd | 53.9233 | 30 | 10.64971       | 1.94436         |
| add2              | 44.2500 | 30 | 10.39737       | 1.89829         |

**Paired Samples Correlations**

|                          | N  | Correlation | Sig. |
|--------------------------|----|-------------|------|
| Pair 1 sebelumadd & add1 | 30 | .745        | .000 |
| Pair 2 sebelumadd & add2 | 30 | .755        | .000 |

**Paired Samples Test**

|        |                   | Paired Differences |                |                 |   | t        | df    | Sig. (2-tailed) |       |
|--------|-------------------|--------------------|----------------|-----------------|---|----------|-------|-----------------|-------|
|        |                   | Mean               | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference |          |       |                 |       |
|        |                   |                    |                |                 | Lower                                     |          |       |                 | Upper |
| Pair 1 | sebelumadd - add1 | 3.99000            | 7.36133        | 1.34399         | 1.24123                                   | 6.73877  | 2.969 | 29              | .006  |
| Pair 2 | sebelumadd - add2 | 9.67333            | 7.37484        | 1.34645         | 6.91952                                   | 12.42714 | 7.184 | 29              | .000  |

## T-test

Paired Samples Statistics  
Johson Pascal Test

|        |          | Mean     | N  | Std. Deviation | Std. Error Mean |
|--------|----------|----------|----|----------------|-----------------|
| Pair 1 | VAR00001 | 154.1000 | 30 | 26.00312       | 4.74750         |
|        | VAR00003 | 136.0667 | 30 | 23.99847       | 4.38150         |
| Pair 2 | VAR00001 | 154.1000 | 30 | 26.00312       | 4.74750         |
|        | VAR00004 | 127.1333 | 30 | 18.03394       | 3.29253         |

### Paired Samples Correlations

|        |                     | N  | Correlation | Sig. |
|--------|---------------------|----|-------------|------|
| Pair 1 | VAR00001 & VAR00003 | 30 | .596        | .001 |
| Pair 2 | VAR00001 & VAR00004 | 30 | .549        | .002 |

### Paired Samples Test

|        |                     | Paired Differences |                |                 |   | t            | df    | Sig. (2-tailed) |       |
|--------|---------------------|--------------------|----------------|-----------------|---|--------------|-------|-----------------|-------|
|        |                     | Mean               | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference |              |       |                 |       |
|        |                     |                    |                |                 | Lower                                     |              |       |                 | Upper |
| Pair 1 | VAR00001 - VAR00003 | 18.0333<br>3       | 22.53500       | 4.11431         | 9.61862                                   | 26.4480<br>4 | 4.383 | 29              | .000  |
| Pair 2 | VAR00001 - VAR00004 | 26.9666<br>7       | 22.04929       | 4.02563         | 18.7333<br>3                              | 35.2000<br>1 | 6.699 | 29              | .000  |

## JOHNSON PASCAL TEST

### 1. PRE TEST

### KUNCI JAWABAN

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| N | K | P | E | J | O | C | G | U | Z | D | T | V | H | I | M | L | K | F | Y | A | W | S | O | E | R |

### JAWABAN

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| D | U | W | I | N | W | E | X | O | A |
| N | G | Q | O | X | F | S | N | L | S |
| Y | R | J | G | S | S | E | I | T | H |
| N | D | F | S | D | E | Y | P | R | Y |
| P | K | T | C | E | J | W | I | Z | G |

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Waktu :..... Detik

Kesalahan :.....

Score :.....

### JOHNSON PASCAL TEST

#### 1. POST TEST I

#### KUNCI JAWABAN

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| N | X | P | V | J | N | C | A | U | S | D | Z | V | R | I | F | L | B | F | I | A | M | S | P | E | K |

#### JAWABAN

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| S | D | G | U | K | N | G | J | E | K |
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| R | H | A | U | I | G | I | E | D | B |
| H | D | T | U | M | C | K | W | A | N |
| K | T | J | B | C | D | H | Q | Z | L |

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Waktu :..... Detik

Kesalahan :.....

Score :.....

### JOHNSON PASCAL TEST

#### 1. POST TEST II

#### KUNCI JAWABAN

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| Q | X | E | V | T | N | U | A | O | S | W | Z | D | R | C | F | Y | B | G | I | H | M | J | P | L | K |

#### JAWABAN

|   |   |   |   |   |   |   |   |   |   |
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| F | G | T | U | N | C | D | A | J | I |
| H | J | M | O | E | Y | X | B | G | R |
| B | G | D | F | Y | K | V | T | D | B |
| S | Z | A | J | W | D | U | R | T | U |
| R | Y | J | B | D | W | T | K | P | O |

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Waktu :..... Detik

Kesalahan :.....

Score :.....

**ADDITION SHEET**

**1. PRE TEST**

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 6 | 8 | 6 | 3 | 5 | 4 | 2 | 1 | 4 | 7 | 9 |
| 9 | 8 | 6 | 4 | 2 | 5 | 8 | 4 | 2 | 6 | 0 | 2 |
| 1 | 0 | 9 | 6 | 7 | 4 | 5 | 9 | 4 | 2 | 4 | 7 |
| 6 | 2 | 1 | 9 | 8 | 6 | 7 | 5 | 2 | 1 | 9 | 0 |
| 8 | 9 | 5 | 6 | 4 | 9 | 8 | 6 | 3 | 2 | 9 | 9 |
| 1 | 6 | 4 | 9 | 7 | 8 | 4 | 6 | 7 | 4 | 8 | 2 |
| 1 | 8 | 6 | 5 | 7 | 3 | 9 | 8 | 5 | 4 | 7 | 6 |
| 9 | 8 | 6 | 4 | 6 | 8 | 3 | 9 | 6 | 0 | 5 | 3 |
| 3 | 2 | 1 | 5 | 3 | 7 | 9 | 6 | 8 | 6 | 6 | 5 |
| 0 | 8 | 6 | 4 | 2 | 1 | 3 | 5 | 7 | 9 | 8 | 6 |
| 2 | 8 | 7 | 8 | 6 | 4 | 3 | 6 | 4 | 7 | 9 | 6 |
| 6 | 7 | 4 | 5 | 9 | 8 | 4 | 6 | 2 | 6 | 8 | 0 |
| 6 | 5 | 7 | 4 | 5 | 6 | 2 | 5 | 0 | 9 | 7 | 4 |
| 5 | 4 | 2 | 6 | 9 | 7 | 4 | 2 | 6 | 6 | 4 | 2 |
| 8 | 0 | 9 | 1 | 3 | 2 | 4 | 8 | 7 | 5 | 3 | 2 |
| 0 | 6 | 7 | 4 | 5 | 2 | 3 | 7 | 9 | 6 | 8 | 4 |
| 0 | 8 | 5 | 2 | 1 | 7 | 6 | 9 | 5 | 7 | 8 | 4 |
| 2 | 5 | 4 | 7 | 8 | 0 | 5 | 3 | 2 | 6 | 5 | 3 |
| 3 | 2 | 4 | 7 | 5 | 9 | 5 | 3 | 1 | 4 | 7 | 9 |
| 7 | 6 | 9 | 8 | 4 | 3 | 6 | 5 | 4 | 7 | 9 | 0 |
| 3 | 2 | 1 | 6 | 5 | 7 | 4 | 9 | 8 | 6 | 3 | 6 |
| 0 | 8 | 9 | 7 | 6 | 3 | 2 | 7 | 6 | 0 | 8 | 5 |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 6 | 7 | 4 | 5 | 9 | 8 | 3 | 2 | 1 | 8 | 7 |
| 0 | 8 | 9 | 7 | 3 | 5 | 4 | 0 | 9 | 3 | 2 | 1 |
| 9 | 8 | 4 | 7 | 6 | 4 | 6 | 3 | 9 | 0 | 5 | 4 |
| 9 | 0 | 8 | 7 | 1 | 5 | 6 | 7 | 9 | 4 | 3 | 9 |
| 0 | 9 | 4 | 7 | 6 | 8 | 5 | 3 | 1 | 8 | 9 | 5 |

### ADDITION SHEET

#### 2. POST TEST I

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 6 | 8 | 6 | 3 | 5 | 4 | 2 | 1 | 4 | 7 | 9 |
| 1 | 0 | 9 | 6 | 7 | 4 | 5 | 9 | 4 | 2 | 4 | 7 |
| 6 | 2 | 1 | 9 | 8 | 6 | 7 | 5 | 2 | 1 | 9 | 0 |
| 7 | 6 | 9 | 8 | 4 | 3 | 6 | 5 | 4 | 7 | 9 | 0 |
| 8 | 9 | 5 | 6 | 4 | 9 | 8 | 6 | 3 | 2 | 9 | 9 |
| 9 | 8 | 6 | 4 | 2 | 5 | 8 | 4 | 2 | 6 | 0 | 2 |
| 1 | 6 | 4 | 9 | 7 | 8 | 4 | 6 | 7 | 4 | 8 | 2 |
| 9 | 8 | 6 | 4 | 6 | 8 | 3 | 9 | 6 | 0 | 5 | 3 |
| 1 | 8 | 6 | 5 | 7 | 3 | 9 | 8 | 5 | 4 | 7 | 6 |
| 3 | 2 | 1 | 5 | 3 | 7 | 9 | 6 | 8 | 6 | 6 | 5 |
| 5 | 4 | 2 | 6 | 9 | 7 | 4 | 2 | 6 | 6 | 4 | 2 |
| 0 | 8 | 6 | 4 | 2 | 1 | 3 | 5 | 7 | 9 | 8 | 6 |
| 2 | 8 | 7 | 8 | 6 | 4 | 3 | 6 | 4 | 7 | 9 | 6 |
| 6 | 7 | 4 | 5 | 9 | 8 | 4 | 6 | 2 | 6 | 8 | 0 |
| 8 | 0 | 9 | 1 | 3 | 2 | 4 | 8 | 7 | 5 | 3 | 2 |
| 0 | 6 | 7 | 4 | 5 | 2 | 3 | 7 | 9 | 6 | 8 | 4 |
| 0 | 8 | 5 | 2 | 1 | 7 | 6 | 9 | 5 | 7 | 8 | 4 |
| 2 | 5 | 4 | 7 | 8 | 0 | 5 | 3 | 2 | 6 | 5 | 3 |
| 0 | 6 | 7 | 4 | 5 | 9 | 8 | 3 | 2 | 1 | 8 | 7 |
| 6 | 5 | 7 | 4 | 5 | 6 | 2 | 5 | 0 | 9 | 7 | 4 |
| 3 | 2 | 1 | 6 | 5 | 7 | 4 | 9 | 8 | 6 | 3 | 6 |
| 0 | 8 | 9 | 7 | 6 | 3 | 2 | 7 | 6 | 0 | 8 | 5 |

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 0 | 8 | 7 | 1 | 5 | 6 | 7 | 9 | 4 | 3 | 9 |
| 0 | 8 | 9 | 7 | 3 | 5 | 4 | 0 | 9 | 3 | 2 | 1 |
| 9 | 8 | 4 | 7 | 6 | 4 | 6 | 3 | 9 | 0 | 5 | 4 |
| 3 | 2 | 4 | 7 | 5 | 9 | 5 | 3 | 1 | 4 | 7 | 9 |
| 0 | 9 | 4 | 7 | 6 | 8 | 5 | 3 | 1 | 8 | 9 | 5 |

### ADDITION SHEET

#### 3. POST TEST II

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 6 | 8 | 6 | 3 | 5 | 4 | 2 | 1 | 4 | 7 | 9 |
| 1 | 0 | 9 | 6 | 7 | 4 | 5 | 9 | 4 | 2 | 4 | 7 |
| 7 | 6 | 9 | 8 | 4 | 3 | 6 | 5 | 4 | 7 | 9 | 0 |
| 8 | 9 | 5 | 6 | 4 | 9 | 8 | 6 | 3 | 2 | 9 | 9 |
| 9 | 8 | 6 | 4 | 2 | 5 | 8 | 4 | 2 | 6 | 0 | 2 |
| 8 | 0 | 9 | 1 | 3 | 2 | 4 | 8 | 7 | 5 | 3 | 2 |
| 9 | 8 | 6 | 4 | 6 | 8 | 3 | 9 | 6 | 0 | 5 | 3 |
| 3 | 2 | 1 | 5 | 3 | 7 | 9 | 6 | 8 | 6 | 6 | 5 |
| 5 | 4 | 2 | 6 | 9 | 7 | 4 | 2 | 6 | 6 | 4 | 2 |
| 1 | 6 | 4 | 9 | 7 | 8 | 4 | 6 | 7 | 4 | 8 | 2 |
| 0 | 8 | 6 | 4 | 2 | 1 | 3 | 5 | 7 | 9 | 8 | 6 |
| 2 | 8 | 7 | 8 | 6 | 4 | 3 | 6 | 4 | 7 | 9 | 6 |
| 0 | 6 | 7 | 4 | 5 | 2 | 3 | 7 | 9 | 6 | 8 | 4 |
| 1 | 8 | 6 | 5 | 7 | 3 | 9 | 8 | 5 | 4 | 7 | 6 |
| 0 | 8 | 9 | 7 | 3 | 5 | 4 | 0 | 9 | 3 | 2 | 1 |
| 0 | 8 | 5 | 2 | 1 | 7 | 6 | 9 | 5 | 7 | 8 | 4 |
| 6 | 7 | 4 | 5 | 9 | 8 | 4 | 6 | 2 | 6 | 8 | 0 |
| 0 | 6 | 7 | 4 | 5 | 9 | 8 | 3 | 2 | 1 | 8 | 7 |
| 6 | 5 | 7 | 4 | 5 | 6 | 2 | 5 | 0 | 9 | 7 | 4 |
| 3 | 2 | 1 | 6 | 5 | 7 | 4 | 9 | 8 | 6 | 3 | 6 |
| 0 | 8 | 9 | 7 | 6 | 3 | 2 | 7 | 6 | 0 | 8 | 5 |
| 2 | 5 | 4 | 7 | 8 | 0 | 5 | 3 | 2 | 6 | 5 | 3 |



6 2 1 9 8 6 7 5 2 1 9 0  
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3 2 4 7 5 9 5 3 1 4 7 9  
0 9 4 7 6 8 5 3 1 8 9 5

### **SURAT PERSETUJUAN**

Yang bertanda tangan di bawah ini,

Nama lengkap :  
Tgl lahir :  
NRP :  
Alamat :

Menyatakan bersedia dan tidak berkeberatan menjadi naracoba dalam penelitian yang dilakukan oleh Irvan Gedeon, 05110127 yang bertempat di Universitas Kristen Maranatha.

Surat Persetujuan ini saya buat dengan kesadaran saya sendiri tanpa tekanan maupun paksaan darimanapun.

Bandung,.....2009

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### **SURAT PERSETUJUAN**

Yang bertanda tangan di bawah ini,

Nama lengkap :  
Tgl lahir :  
NRP :  
Alamat :

Menyatakan bersedia dan tidak berkeberatan menjadi naracoba dalam penelitian yang dilakukan oleh Irvan Gedeon, 0510127 yang bertempat di Universitas Kristen Maranatha.

Surat Persetujuan ini saya buat dengan kesadaran saya sendiri tanpa tekanan maupun paksaan darimanapun.

Bandung,.....2009

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### **RIWAYAT HIDUP**

Nama : Irvan Gedeon Firdaus  
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Tempat dan Tanggal Lahir : Bandung, 15 April 1986  
Alamat : Jl. Dian Permai B1, Bandung

#### Riwayat Pendidikan

- 1993 lulus TKK BPK Penabur, Bandung
- 1999 lulus SDK 6 Penabur, Bandung
- 2002 lulus SMPK 5 BPK Penabur, Bandung
- 2005 lulus SMUK 3 BPK Penabur, Bandung
- 2005 Mahasiswa Fakultas Kedokteran Universitas Kristen Marantha, Bandung