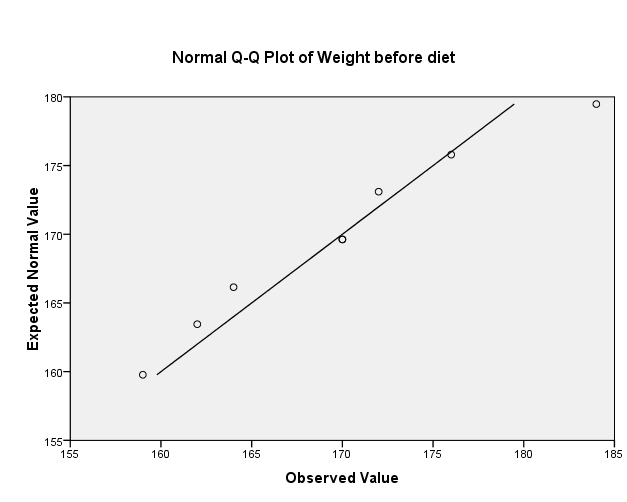
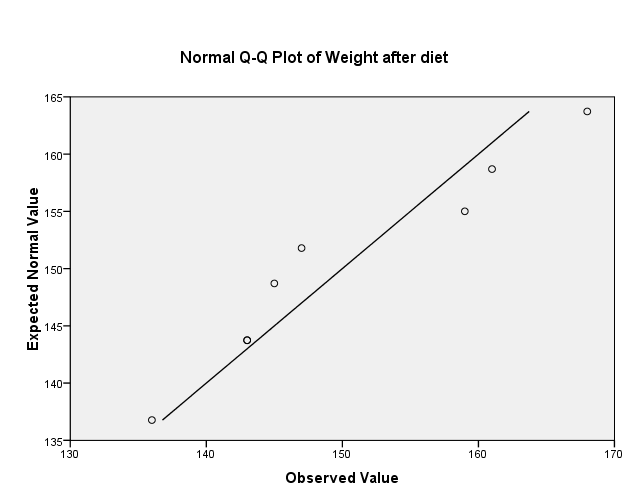
**Part D1: Paired-samples t-test SPSS Output**

| **Case Summariesa** | | | |
| --- | --- | --- | --- |
|  | | Weight before diet | Weight after diet |
| 1 | | 162.00 | 168.00 |
| 2 | | 170.00 | 136.00 |
| 3 | | 184.00 | 147.00 |
| 4 | | 164.00 | 159.00 |
| 5 | | 172.00 | 143.00 |
| 6 | | 176.00 | 161.00 |
| 7 | | 159.00 | 143.00 |
| 8 | | 170.00 | 145.00 |
| Total | N | 8 | 8 |
| a. Limited to first 100 cases. | | | |





| **Paired Samples Statistics** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | | Mean | N | Std. Deviation | Std. Error Mean |
| Pair 1 | Weight before diet | 169.6250 | 8 | 8.07001 | 2.85318 |
| Weight after diet | 150.2500 | 8 | 11.04213 | 3.90398 |

| **Paired Samples Correlations** | | | | |
| --- | --- | --- | --- | --- |
|  | | N | Correlation | Sig. |
| Pair 1 | Weight before diet & Weight after diet | 8 | -.177 | .675 |

| **Paired Samples Test** | | | | |
| --- | --- | --- | --- | --- |
|  | | Paired Differences | | |
| Mean | Std. Deviation | Std. Error Mean |
| Pair 1 | Weight before diet - Weight after diet | 19.37500 | 14.78356 | 5.22678 |

| **Paired Samples Test** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | | Paired Differences | | t | df |
| 95% Confidence Interval of the Difference | |
| Lower | Upper |
| Pair 1 | Weight before diet - Weight after diet | 7.01564 | 31.73436 | 3.707 | 7 |

| **Paired Samples Test** | | |
| --- | --- | --- |
|  | | Sig. (2-tailed) |
| Pair 1 | Weight before diet - Weight after diet | .008 |