Lampiran D Perolehan Data dan Analisis Diskriptif

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Tahun Akademik : | 2012/2013 - SEMESTER GANJIL |  |  |
|  | Prodi : | TEKNIK INFORMATIKA |  |  |
|  |  |  |  |  |
| **No** | **NIM** | **Nama Mahasiswa** | **Pretes** | **Postes** |
| 1 | 8650050 | FAJRIA ANTONI | Tidak ikut pretes dan post | |
| 2 | 8650069 | SHANDY VEGA PRIMANDA | 16 | 20 |
| 3 | 9650024 | DISSA DAMALITA | 8 | 5 |
| 4 | 9650042 | ITA DEVIYANTI | 13 | 14 |
| 5 | 9650047 | IZZA ULINNUHA | 18 | 12 |
| 6 | 9650058 | OKKI PUTRAWAN | 23 | 15 |
| 7 | 10650053 | PANDU SETYOAJI N | 20 | 26 |
| 8 | 12650001 | Puguh Jayadi | 26 | 32 |
| 9 | 12650002 | Septri Kismarini | 29 | 52 |
| 10 | 12650003 | Siti Helmiyah | 9 | 14 |
| 11 | 12650004 | Agung Pambudi | 38 | 32 |
| 12 | 12650005 | Winda Rizky Astuti | 7 | 12 |
| 13 | 12650006 | M. Weddy Sumbogo | 14 | 20 |
| 14 | 12650007 | Wahyu Aprilynasari | 23 | 31 |
| 15 | 12650008 | Niki Min Hidayati Robbi | 21 | 31 |
| 16 | 12650009 | Irfan Afif Mustofa | 15 | 15 |
| 17 | 12650010 | Rian Wiguna | 7 | 12 |
| 18 | 12650011 | Nur Indah Fitrianingsih | 21 | 38 |
| 19 | 12650012 | JAKSANA ARIF FURKAN | 18 | 18 |
| 20 | 12650013 | AMI MEGANTARA P | 18 | 20 |
| 21 | 12650014 | YOGA PRATAMA | 37 | 50 |
| 22 | 12650015 | MUHAMMAD AFIF MUHTAR | 17 | 26 |
| 23 | 12650016 | KHOIRUL FUADI | 10 | 27 |
| 24 | 12650017 | LUQMAN HAKIM | Keluar \* | |
| 25 | 12650018 | FAJAR NURROHMAT | 16 | 24 |
| 26 | 12650019 | ALFIAN NUR JAYANTO | 18 | 20 |
| 27 | 12650020 | AFHMULHASAN NOOR R | 12 | 21 |
| 28 | 12650021 | AHMAD MUSTAFID | 50 | 67 |
| 29 | 12650022 | ROYANUL FITRON | 19 | 25 |
| 30 | 12650023 | DANANG PURWOKO PUTRO | 16 | 60 |
| 31 | 12650024 | MOCHAMAD NOOR SYAMSU | Keluar \* | |
| 32 | 12650025 | FERDIAN NOOR PAMBUDI | 18 | 51 |
| 33 | 12650026 | A.S WAHID FAIZIN | 17 | 59 |
| 34 | 12650027 | ELVANISA AYU MUHSINA | 34 | 70 |
| 35 | 12650028 | MUHAMMAD NUR ALFANI | 6 | 58 |
| 36 | 12650029 | DANANG SUDRAJAT | 39 | 38 |
| 37 | 12650030 | MUHAMMAD DZULFIKAR FAUZI | 10 | 39 |
| 38 | 12650031 | ANNISA D OKTAVIANITA | 6 | 51 |
| 39 | 12650032 | ALIF AZIZ | 26 | 49 |
| 40 | 12650033 | M MURAH PAMUJI | 21 | 61 |
| 41 | 12650034 | M. ZIDNAL FALAH | 15 | 37 |
| 42 | 12650035 | SULTON DAUD UL M | 19 | 53 |
| 43 | 12650036 | MUH ARFA AMRIZAL | 65 | 70 |
| 44 | 12650037 | LINA NUR LATIFAH | 20 | 49 |
| 45 | 12650038 | RIZKI RAMADHAN | 13 | 43 |
| 46 | 12650039 | LUTFIA LlLIN KHARIROH | 5 | 38 |
| 47 | 12650040 | RIO KIRNANDA | 23 | 69 |
| 48 | 12650043 | YAUMI HASHIFUL INSI | 17 | 40 |
| 49 | 12650045 | MUHAMMAD SYAEFUL BAHRY | 15 | 50 |
| 50 | 12650048 | MR. SULKIFLI POHJI | 5 | 43 |
| 51 | 12650051 | MOH. MUBAROK DAWAM | 9 | 49 |
| 52 | 12650064 | IRWANTO | 34 | 42 |
| 53 | 12650070 | FARIS NUR ZAMAN | 14 | 40 |
| 54 | 12650071 | WAHIB RAMADHAN | 21 | 61 |
| 55 | 12650072 | ANWARUDDIN KAMAL IBRAHIM | 13 | 48 |
| 56 | 12650084 | AGUNG SETIYO PAMBUDI | 17 | 51 |
| 57 | 12650091 | AKH. BAINI TASLIHUDIN | 19 | 48 |
| 58 | 12650096 | MIRZA FIRDAUS AVECINNA | 13 | 40 |
| 59 | 12650097 | ALFIAN GAUTAMA HERMAN | 27 | 70 |

Data = dataanalisis.RData

**Statistics=>Summaries=>Active Data Set**

> tapply(dataanalisis$pretes, list(group=dataanalisis$group), mean, na.rm=TRUE)

group

kontrol eksperimen

19.25000 19.32143

> summary(dataanalisis)

pretes postes group

Min. : 5.00 Min. : 5.00 kontrol :28

1st Qu.:13.00 1st Qu.:23.25 eksperimen:28

Median :17.50 Median :39.50

Mean :19.29 Mean :38.50

3rd Qu.:21.50 3rd Qu.:51.00

Max. :65.00 Max. :70.00

**Statistics=>Summaries=>Table of Statistics**

> # Table for postes:

> tapply(dataanalisis$postes, list(group=dataanalisis$group), sd, na.rm=TRUE)

group

kontrol eksperimen

15.09069 10.54212

> # Table for pretes:

> tapply(dataanalisis$pretes, list(group=dataanalisis$group), sd, na.rm=TRUE)

group

kontrol eksperimen

9.785193 12.457494

**Jumlah Mahasiswa yang Memperoleh skore X berdasarkan Soal Pretes dan Postes**

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|  | Pretes |  |  |  |  |  |  |  |  |  |  |  |
| **No** | **Soal** | **Skor** | | | | | | | | | | **total mhs** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| 1 | Flowchart |  | 8 | 13 | 4 | 9 | 9 | 3 | 6 | 2 | 2 | 56 |
| 2 | Tipe Data |  |  | 17 | 23 | 8 | 3 | 4 |  |  | 1 | 56 |
| 3 | Array |  | 1 | 16 | 18 | 5 | 9 | 6 |  |  | 1 | 56 |
| 4 | Input Output |  |  |  |  | 38 |  | 3 | 6 | 8 | 1 | 56 |
| 5 | Kondisi, Perulangan |  | 3 | 5 | 35 | 10 |  | 2 |  |  | 1 | 56 |
| 6 | Logika |  |  | 6 |  | 46 | 2 |  |  |  | 2 | 56 |
| 7 | Ganjil Genap |  |  |  | 44 | 3 | 3 |  | 5 |  | 1 | 56 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Postes |  |  |  |  |  |  |  |  |  |  |  |
| **No** | **Soal** | **Skor** | | | | | | | | | | **total mhs** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| 1 | Flowchart |  | 2 | 1 | 4 | 12 | 9 | 10 | 6 | 8 | 4 | 56 |
| 2 | Tipe Data |  | 1 | 6 | 6 | 15 | 2 | 12 | 6 | 5 | 3 | 56 |
| 3 | Array |  | 2 | 16 | 9 | 18 |  | 5 | 2 | 1 | 3 | 56 |
| 4 | Input Output |  |  |  |  | 2 | 4 | 18 | 14 | 15 | 3 | 56 |
| 5 | Kondisi, Perulangan |  |  | 5 | 13 | 24 |  | 9 | 1 | 1 | 3 | 56 |
| 6 | Logika |  |  |  |  | 3 | 7 | 4 | 12 | 3 | 27 | 56 |
| 7 | Ganjil Genap |  |  |  | 13 | 17 |  | 5 |  | 16 | 5 | 56 |