**Assignment No.5**

**Que1: Find out 5th 10th 50th 90th 95th percentile of following anthropometric data. (All dimensions in cm)**

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| **Subject** | **Stature (Standing height) (A1)** | **Sitting height (B1)** | **Arm Reach (F1)** |
| **S1** | 155.2 | 79.5 | 213.8 |
| **S2** | 151.8 | 75.3 | 210.4 |
| **S3** | 155.4 | 80.1 | 214.5 |
| **S4** | 152.6 | 76.2 | 210.6 |
| **S5** | 164.5 | 86.4 | 221.6 |
| **S6** | 153.2 | 76.8 | 211.7 |
| **S7** | 153.2 | 77.2 | 211.1 |
| **S8** | 158.8 | 84.8 | 218.9 |
| **S9** | 161.8 | 86.5 | 220.6 |
| **S10** | 154.2 | 78.2 | 212.8 |
| **S11** | 154.4 | 78.3 | 212.9 |
| **S12** | 162.5 | 86.6 | 220.8 |
| **S13** | 154.9 | 78.9 | 213.2 |
| **S14** | 150.2 | 75.2 | 210.2 |
| **S15** | 153.5 | 77.4 | 211.8 |
| **S16** | 157.8 | 83.4 | 217.9 |
| **S17** | 155.8 | 80.4 | 215.2 |
| **S18** | 161.5 | 86.4 | 220.1 |
| **S19** | 156.3 | 81.8 | 215.8 |
| **S20** | 159.2 | 85.2 | 219.2 |
| **S21** | 158.8 | 84.8 | 218.9 |
| **S22** | 156.8 | 81.8 | 216.2 |
| **S23** | 157.6 | 83.2 | 217.5 |
| **S24** | 156.8 | 82.1 | 216.2 |
| **S25** | 157.4 | 82.5 | 216.8 |
| **S26** | 164.5 | 86.4 | 221.8 |
| **S27** | 157.4 | 82.9 | 217.2 |
| **S28** | 157.6 | 83.1 | 217.5 |
| **S29** | 161.5 | 86.4 | 220.4 |
| **S30** | 159.7 | 85.7 | 219.4 |
| **S31** | 157.9 | 83.7 | 218.5 |
| **S32** | 160.2 | 86.2 | 219.9 |
| **S33** | 157.8 | 83.5 | 218.1 |
| **S34** | 159.6 | 85.3 | 219.4 |
| **S35** | 156.4 | 81.6 | 215.9 |
| **S36** | 158.5 | 83.9 | 218.8 |
| **S37** | 165.1 | 86.5 | 222.5 |
| **S38** | 158.6 | 84.6 | 218.8 |
| **S39** | 163.5 | 86.2 | 221.4 |
| **S40** | 162.8 | 86.7 | 220.8 |