Dissertation: PG diploma in "Data Analytics with SPSS"

1. Define Variables
   i) Id…… Num
   ii) Age……..... Num
   iii) Gender…… Num , Levels: 1-Male, 2- Female
   iv) Residential Status…….…Num , Levels: 1-Hostller, 2-Day Scholar
   v) Height…… Num
2. Enter 10 dummy data for above variables
3. Save file by giving name "PGSPSS_Your Roll No"
4. Paste……..… Data View Window
   Variable View Window
5. List data set: Print data list through report (summarize)
6. Check Minimum , maximum values in your data set and paste outputs with syntax
7. Run frequency for Gender & Residential status and paste outputs with syntax
8. Prepare Bar diagram and paste outputs with syntax
9. Recode age in three categories into Age_Code on the basis of percentiles and paste outputs with syntax with syntax
10. Prepare histogram for Age_Code and paste outputs with syntax
11. Calculate Mean, SD, Variance, Skewness, Kurtosis, Quartile, Minimum and Maximum for Age, Height/by Gender. Demonstrate outputs by Split File command out and paste outputs with syntax
12. Repeat 11 by
    Residential Status and paste outputs with syntax
13. Estimate Independent t-test
    a) Age by Gender, Residential status and paste outputs with syntax
    b) Height by Gender, Residential status and paste outputs with syntax
14. Calculate Pearson correlation between Age and Height and paste outputs with syntax