PRACTICAL NUMBER 3

**Presentation of bivariate data through scatter-plot diagram.**

**Question 1**: Given is the data of 10 girls of a class. The X column represents the height of the girl and Y represents the weight of the girl. Find the relation between the two by using scatter-plot diagram:

|  |  |
| --- | --- |
| X(HEIGHT) | Y(WEIGHT) |
| 160 | 60 |
| 154 | 57 |
| 157 | 57 |
| 171 | 60 |
| 166 | 62 |
| 165 | 63 |
| 150 | 54 |
| 151 | 52 |
| 150 | 51 |
| 154 | 53 |

***Scatter Plot Diagram:***

***Interpretation:***

It can be observed that some of the values of y (weight) slightly increase with x (height).