## **Assignment Excel Basics**

- Q1 Create Same table below (same formatting & Same data)
- Q2 Use Centre horizontal text alignment for all data and bold city and months?
- Q3 highlight city with maximum income ? ( use formula )
- Q4 highlight cells with temperature in range with light to dark color(Blue,pink,red, dark red)

<15 Blue

>=15<=25 Pink

25 to 35 red

35 to 45 Dark red

- Q5 Highlight maximum temperature with white color? (Without formula)
- Q6 sort data based on April temperature (ascending)
- Q7 Remove wrong Formats visible on income column using format painter?
- Q8 find Average and total Income using Autosum option?
- Q9 Apply databars in income column?
- Q10 finally apply filter and find cities with income greater than average income?

| Heat Map  |     |     |       |       |     |      |      |              |  |  |  |  |
|-----------|-----|-----|-------|-------|-----|------|------|--------------|--|--|--|--|
| City      | Jan | Feb | March | April | May | june | july | INCOME       |  |  |  |  |
| Delhi     | 10  | 20  | 30    | 40    | 42  | 45   | 35   | 50000        |  |  |  |  |
| Mumbai    | 25  | 27  | 27    | 29    | 29  | 30   | 26   | 60000        |  |  |  |  |
| Agra      | 11  | 17  | 27    | 38    | 39  | 41   | 40   | 40000        |  |  |  |  |
| Pune      | 22  | 23  | 24    | 25    | 22  | 23   | 25   | <u>30000</u> |  |  |  |  |
| Shrinagar | 5   | 10  | 15    | 15    | 17  | 18   | 15   | 20000        |  |  |  |  |
| Patiala   | 13  | 16  | 19    | 25    | 35  | 39   | 45   | 10000        |  |  |  |  |
| Panipat   | 13  | 16  | 19    | 25    | 35  | 39   | 45   | 15000        |  |  |  |  |
| Konkan    | 25  | 27  | 27    | 29    | 29  | 30   | 26   | 62154        |  |  |  |  |
| Bangalore | 21  | 27  | 25    | 31    | 29  | 30   | 26   | 80000        |  |  |  |  |

## **OUTPUT**

| Heat Map  |     |     |       |       |     |      |      |                     |  |  |  |
|-----------|-----|-----|-------|-------|-----|------|------|---------------------|--|--|--|
| City      | Jan | Feb | March | April | May | june | july | INCOME              |  |  |  |
| Shrinagar | 5   | 10  | 15    | 15    | 17  | 18   | 15   | 20000               |  |  |  |
| Pune      | 22  | 23  | 24    | 25    | 22  | 23   | 25   | 30000               |  |  |  |
| Patiala   | 13  | 16  | 19    | 25    | 35  | 39   | 45   | 10000               |  |  |  |
| Panipat   | 13  | 16  | 19    | 25    | 35  | 39   | 45   | 15000               |  |  |  |
| Mumbai    | 25  | 27  | 27    | 29    | 29  | 30   | 26   | 600 <mark>00</mark> |  |  |  |
| Konkan    | 25  | 27  | 27    | 29    | 29  | 30   | 26   | 621 <mark>54</mark> |  |  |  |
| Bangalore | 21  | 27  | 25    | 31    | 29  | 30   | 26   | 80000               |  |  |  |
| Agra      | 11  | 17  | 27    | 38    | 39  | 41   | 40   | 40000               |  |  |  |
| Delhi     | 10  | 20  | 30    | 40    | 42  | 45   | 35   | 50 <mark>000</mark> |  |  |  |

AVG 40794.89

solution =I15 = MAX(\$I\$15:\$I\$23)