**OUTPUT**

|  |  |  |
| --- | --- | --- |
| **Sr. no.** | **K** | **RSS** |
| 1 | 2 | 10731.532225002677 |
| 2 | 3 | 10720.895154566073 |
| 3 | 5 | 10636.74572506775 |
| 4 | 10 | 10515.318944007462 |
| 5 | 15 | 10396.217889927031 |
| 6 | 20 | 10262.170299298941 |
| 7 | 25 | 10133.332832698443) |
| 8 | 30 | 10023.571921726285 |













