CIS 223 Exercise 2 Name: Ashish Upreti

Show the results of the all passes of **Selection** sort (feel free to add more rows to the table below):

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| original | 99 | 53 | 97 | 3 | 80 | 7 | 91 | 49 |
| Pass 1 | 49 | 53 | 97 | 3 | 80 | 7 | 91 | 99 |
| Pass 2 | 49 | 53 | 91 | 3 | 80 | 7 | 97 | 99 |
| Pass 3 | 49 | 53 | 7 | 3 | 80 | 91 | 97 | 99 |
| Pass 4 | 49 | 3 | 7 | 53 | 80 | 91 | 97 | 99 |
| Pass 5 | 7 | 3 | 49 | 53 | 80 | 91 | 97 | 99 |
| Pass 6 | 3 | 7 | 49 | 53 | 80 | 91 | 97 | 99 |

Show the results of the all passes of **Insertion** sort (feel free to add more rows to the table below):

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| original | 46 | 67 | 24 | 8 | 20 | 38 | 23 | 22 |
| Pass 1 | 46 | 67 | 24 | 8 | 20 | 38 | 23 | 22 |
| Pass 2 | 24 | 46 | 67 | 8 | 20 | 38 | 23 | 22 |
| Pass 3 | 8 | 24 | 46 | 67 | 20 | 38 | 23 | 22 |
| Pass 4 | 8 | 20 | 24 | 46 | 67 | 38 | 23 | 22 |
| Pass 5 | 8 | 20 | 24 | 38 | 46 | 67 | 23 | 22 |
| Pass 6 | 8 | 20 | 23 | 24 | 38 | 46 | 67 | 22 |
| Pass 7 | 8 | 20 | 22 | 23 | 24 | 38 | 46 | 67 |