data set

```python
In [1]: import pandas as pd
        df=pd.read_csv(r"C:\Users\admin\Downloads\df\country_wise_latest.csv")
```

```python
In [2]: df.info
```

Out[2]:
```
<bound method DataFrame.info of          Country/Region  Confirmed  Deaths  Recovered  A
ctive  New cases  \
0              Afghanistan      36263    1269      25198   9796        106
1                  Albania       4880     144       2745   1991        117
2                  Algeria      27973    1163      18837   7973        616
3                  Andorra        907      52        803     52         10
4                   Angola        950      41        242    667         18
..                     ...        ...     ...        ...    ...        ...
182    West Bank and Gaza      10621      78       3752   6791        152
183         Western Sahara         10       1          8      1          0
184                  Yemen       1691     483        833    375         10
185                 Zambia       4552     140       2815   1597         71
186               Zimbabwe       2704      36        542   2126        192

     New deaths  New recovered  Deaths / 100 Cases  Recovered / 100 Cases  \
0            10             18                3.50                  69.49
1             6             63                2.95                  56.25
2             8            749                4.16                  67.34
3             0              0                5.73                  88.53
4             1              0                4.32                  25.47
..          ...            ...                 ...                    ...
182           2              0                0.73                  35.33
183           0              0               10.00                  80.00
184           4             36               28.56                  49.26
185           1            465                3.08                  61.84
186           2             24                1.33                  20.04

     Deaths / 100 Recovered  Confirmed last week  1 week change  \
0                      5.04                35526            737
1                      5.25                 4171            709
2                      6.17                23691           4282
3                      6.48                  884             23
4                     16.94                  749            201
..                      ...                  ...            ...
182                    2.08                 8916           1705
183                   12.50                   10              0
184                   57.98                 1619             72
185                    4.97                 3326           1226
186                    6.64                 1713            991

     1 week % increase             WHO Region
0                 2.07  Eastern Mediterranean
1                17.00                 Europe
2                18.07                 Africa
3                 2.60                 Europe
4                26.84                 Africa
..                 ...                    ...
182              19.12  Eastern Mediterranean
183               0.00                 Africa
184               4.45  Eastern Mediterranean
185              36.86                 Africa
186              57.85                 Africa

[187 rows x 15 columns]>
```

```
In [3]: df.dtypes
```

```
Out[3]: Country/Region          object
        Confirmed               int64
        Deaths                  int64
        Recovered               int64
        Active                  int64
        New cases               int64
        New deaths              int64
        New recovered           int64
        Deaths / 100 Cases      float64
        Recovered / 100 Cases   float64
        Deaths / 100 Recovered  float64
        Confirmed last week     int64
        1 week change           int64
        1 week % increase       float64
        WHO Region              object
        dtype: object
```

```
In [4]: df
```

Out[4]:

	Country/Region	Confirmed	Deaths	Recovered	Active	New cases	New deaths	New recovered	Deaths / 100 Cases	Recovered / 100 Cases	Dea Reco
0	Afghanistan	36263	1269	25198	9796	106	10	18	3.50	69.49	
1	Albania	4880	144	2745	1991	117	6	63	2.95	56.25	
2	Algeria	27973	1163	18837	7973	616	8	749	4.16	67.34	
3	Andorra	907	52	803	52	10	0	0	5.73	88.53	
4	Angola	950	41	242	667	18	1	0	4.32	25.47	
...	...	...	...	...	...	...	...	...	...	...	
182	West Bank and Gaza	10621	78	3752	6791	152	2	0	0.73	35.33	
183	Western Sahara	10	1	8	1	0	0	0	10.00	80.00	
184	Yemen	1691	483	833	375	10	4	36	28.56	49.26	
185	Zambia	4552	140	2815	1597	71	1	465	3.08	61.84	
186	Zimbabwe	2704	36	542	2126	192	2	24	1.33	20.04	

187 rows × 15 columns

```
In [5]: df.max
```

```
Out[5]: <bound method NDFrame._add_numeric_operations.<locals>.max of          Country/Region  C
        onfirmed  Deaths  Recovered  Active  New cases  \
        0            Afghanistan     36263    1269      25198    9796        106
        1                Albania      4880     144       2745    1991        117
        2                Algeria     27973    1163      18837    7973        616
        3                Andorra       907      52        803      52         10
        4                 Angola       950      41        242     667         18
        ..                   ...       ...     ...        ...     ...        ...
        182   West Bank and Gaza     10621      78       3752    6791        152
        183       Western Sahara        10       1          8       1          0
        184                Yemen      1691     483        833     375         10
        185               Zambia      4552     140       2815    1597         71
        186             Zimbabwe      2704      36        542    2126        192
```

```
        New deaths  New recovered  Deaths / 100 Cases  Recovered / 100 Cases  \
0               10             18                3.50                  69.49
1                6             63                2.95                  56.25
2                8            749                4.16                  67.34
3                0              0                5.73                  88.53
4                1              0                4.32                  25.47
..             ...            ...                 ...                    ...
182              2              0                0.73                  35.33
183              0              0               10.00                  80.00
184              4             36               28.56                  49.26
185              1            465                3.08                  61.84
186              2             24                1.33                  20.04

        Deaths / 100 Recovered  Confirmed last week  1 week change  \
0                         5.04                35526            737
1                         5.25                 4171            709
2                         6.17                23691           4282
3                         6.48                  884             23
4                        16.94                  749            201
..                         ...                  ...            ...
182                       2.08                 8916           1705
183                      12.50                   10              0
184                      57.98                 1619             72
185                       4.97                 3326           1226
186                       6.64                 1713            991

        1 week % increase             WHO Region
0                    2.07  Eastern Mediterranean
1                   17.00                 Europe
2                   18.07                 Africa
3                    2.60                 Europe
4                   26.84                 Africa
..                    ...                    ...
182                 19.12  Eastern Mediterranean
183                  0.00                 Africa
184                  4.45  Eastern Mediterranean
185                 36.86                 Africa
186                 57.85                 Africa

[187 rows x 15 columns]>
```

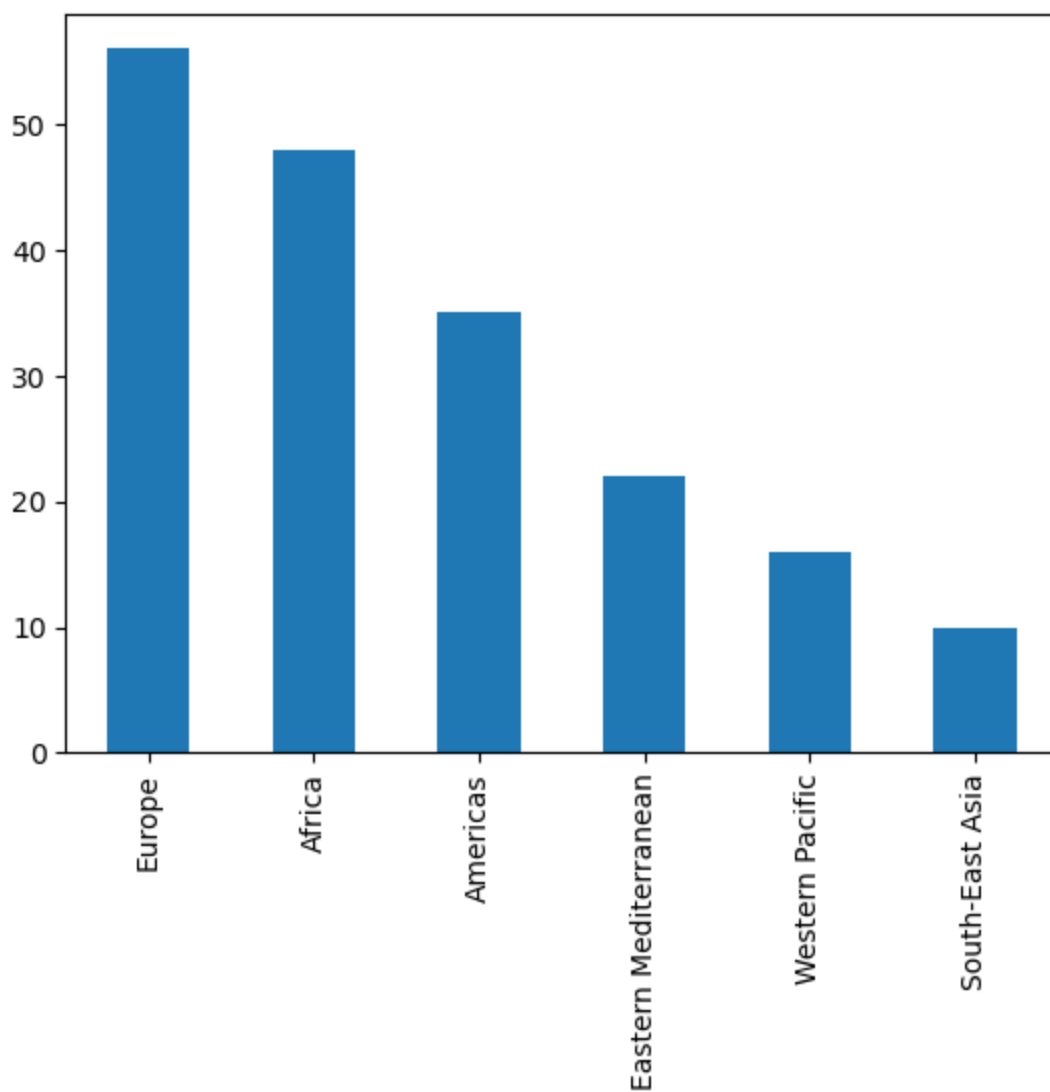In [6]: `df.query("Deaths > 100 and Deaths < 500").sort_values(by='Deaths')`

Out[6]:

	Country/Region	Confirmed	Deaths	Recovered	Active	New cases	New deaths	New recovered	Deaths / 100 Cases	Recovered / 100 Cases	Dea Reco
122	Nicaragua	3439	108	2492	839	0	0	0	3.14	72.46	
102	Luxembourg	6321	112	4825	1384	49	0	178	1.77	76.33	
41	Costa Rica	15841	115	3824	11902	612	11	88	0.73	24.14	
152	Slovenia	2087	116	1733	238	5	0	55	5.56	83.04	
179	Uzbekistan	21209	121	11674	9414	678	5	569	0.57	55.04	
107	Mali	2513	124	1913	476	3	1	2	4.93	76.12	
105	Malaysia	8904	124	8601	179	7	0	1	1.39	96.60	
43	Croatia	4881	139	3936	806	24	3	70	2.85	80.64	
185	Zambia	4552	140	2815	1597	71	1	465	3.08	61.84	
12	Bahrain	39482	141	36110	3231	351	1	421	0.36	91.46	

1	Albania	4880	144	2745	1991	117	6	63	2.95	56.25
180	Venezuela	15988	146	9959	5883	525	4	213	0.91	62.29
109	Mauritania	6208	156	4653	1399	37	0	223	2.51	74.95
74	Haiti	7340	158	4365	2817	25	1	0	2.15	59.47
136	Qatar	109597	165	106328	3104	292	0	304	0.15	97.02
8	Australia	15303	167	9311	5825	368	6	137	1.09	60.84
66	Ghana	33624	168	29801	3655	655	0	307	0.50	88.63
91	Kosovo	7413	185	4027	3201	496	16	274	2.50	54.32
146	Senegal	9764	194	6477	3093	83	3	68	1.99	66.34
67	Greece	4227	202	1374	2651	34	0	0	4.78	32.51
40	Congo (Kinshasa)	8844	208	5700	2936	13	4	190	2.35	64.45
58	Ethiopia	14547	228	6386	7933	579	5	170	1.57	43.90
126	Norway	9132	255	8752	125	15	0	0	2.79	95.84
90	Kenya	17975	285	7833	9857	372	5	90	1.59	43.58
21	Bosnia and Herzegovina	10498	294	4930	5274	731	14	375	2.80	46.96
155	South Korea	14203	300	13007	896	28	1	102	2.11	91.58
116	Morocco	20887	316	16553	4018	609	3	115	1.51	79.25
60	Finland	7398	329	6920	149	5	0	0	4.45	93.54
176	United Arab Emirates	59177	345	52510	6322	264	1	328	0.58	88.73
25	Bulgaria	10621	347	5585	4689	194	7	230	3.27	52.58
46	Czechia	15516	373	11428	3715	192	2	0	2.40	73.65
31	Cameroon	17110	391	14539	2180	402	6	0	2.29	84.97
127	Oman	77058	393	57028	19637	1053	9	1729	0.51	74.01
53	El Salvador	15035	408	7778	6849	405	8	130	2.71	51.73
10	Azerbaijan	30446	423	23242	6781	396	6	558	1.39	76.34
92	Kuwait	64379	438	55057	8884	606	5	684	0.68	85.52
125	North Macedonia	10213	466	5564	4183	127	6	137	4.56	54.48
84	Israel	63985	474	27133	36378	2029	4	108	0.74	42.41
184	Yemen	1691	483	833	375	10	4	36	28.56	49.26

```
In [13]: df['WHO Region'].value_counts().plot(kind='bar')
```

<Axes: >