



```
1  Enter the Ipv4 address string: 4.a.0.1
2
3  Enter:
4  1. To check leading zeors.
5  2. To check the range of IP address and Check if contains integer values.
6  3. To check cell should have exactaly 4 cells
7  4. To check each Ip cell value should be seperated by dot/period only
8  5. To check the Class of Ip address
9  6. To check if it is a special IP address or not.
10 enter input: 1
11 Error: There should be no leading zeros in the IPv4 address string: 0
12
13 Enter:
14 1. To check leading zeors.
15 2. To check the range of IP address and Check if contains integer values.
16 3. To check cell should have exactaly 4 cells
17 4. To check each Ip cell value should be seperated by dot/period only
18 5. To check the Class of Ip address
19 6. To check if it is a special IP address or not.
20 enter input: 2
21 ERROR: The entered Ipv4 does not contain only integer values
22 No range error.
23
24 Enter:
25 1. To check leading zeors.
26 2. To check the range of IP address and Check if contains integer values.
27 3. To check cell should have exactaly 4 cells
28 4. To check each Ip cell value should be seperated by dot/period only
29 5. To check the Class of Ip address
30 6. To check if it is a special IP address or not.
31 enter input: 3
32 Ip add have 4 cells
33
34 Enter:
35 1. To check leading zeors.
36 2. To check the range of IP address and Check if contains integer values.
37 3. To check cell should have exactaly 4 cells
38 4. To check each Ip cell value should be seperated by dot/period only
39 5. To check the Class of Ip address
40 6. To check if it is a special IP address or not.
41 enter input: 4
42 ERROR: Each Ip cell value should be seperated by dot/period only. Error: a
43
44 Enter:
45 1. To check leading zeors.
46 2. To check the range of IP address and Check if contains integer values.
47 3. To check cell should have exactaly 4 cells
48 4. To check each Ip cell value should be seperated by dot/period only
49 5. To check the Class of Ip address
50 6. To check if it is a special IP address or not.
51 enter input: 5
52 Class A
53
54 Enter:
55 1. To check leading zeors.
56 2. To check the range of IP address and Check if contains integer values.
57 3. To check cell should have exactaly 4 cells
58 4. To check each Ip cell value should be seperated by dot/period only
59 5. To check the Class of Ip address
60 6. To check if it is a special IP address or not.
61 enter input: 6
62 It is a Special Ip address
```