**Compare Version Numbers**

#include <bits/stdc++.h>

int compareVersions(string a, string b)

{

int i=0,j=0;

int l1 = a.size(), l2 = b.size();

while(i<l1 || j<l2)

{

long long num1 = 0,num2 = 0;

while(i<l1 && a[i] != '.')

{

num1 = num1 \* 10 + 1ll\*(a[i] - '0');

i++;

}

while(j<l2 && b[j] != '.')

{

num2 = num2\*10 + 1ll\*(b[j] - '0');

j++;

}

if(num1 < num2)

return -1;

else if(num1 > num2)

return 1;

i++;

j++;

}

return 0;

}