int lengthOfLongestSubstring(string s) {

if(s.length()<=1)

return s.length();

vector<int> freq(128,0);

int si=0,ei=0,n=s.length(),maxlen=INT\_MIN,count=0;

while(ei<n){

if(freq[s[ei++]]++ > 0)

count++;

while(count>0){

if(freq[s[si++]]-- >1)

count--;

}

if(ei-si>maxlen)

maxlen=ei-si;

}

return maxlen;

}