**Worksheet-2.3**

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**Subjetct Code:-** 20CSP-314 **Semester:-** 5th

**Subject Name:-** Competitive Coding Lab

**Problem 1:- Strong Password**

<https://www.hackerrank.com/challenges/strong-password/problem?isFullScreen=true>

**Code:-**

#include<iostream>

#include<cstdio>

#include<cstring>

#include<algorithm>

using namespace std;

int read()

{

char ch=getchar();int f=0;

while(ch<'0'||ch>'9')ch=getchar();

while(ch>='0'&&ch<='9'){f=(f<<1)+(f<<3)+ch-'0';ch=getchar();}

return f;

}

char s[100005];

bool vis[105];

int main()

{

int n=read();

scanf("%s",s+1);

n=strlen(s+1);

for(int i=1;i<=n;i++)

{

if(s[i]>='0'&&s[i]<='9') vis[1]=1;

else if(s[i]>='a'&&s[i]<='z') vis[2]=1;

else if(s[i]>='A'&&s[i]<='Z') vis[3]=1;

else vis[4]=1;

}

int ans=0;

for(int i=1;i<=4;i++)

{

if(!vis[i])

ans++,n++;

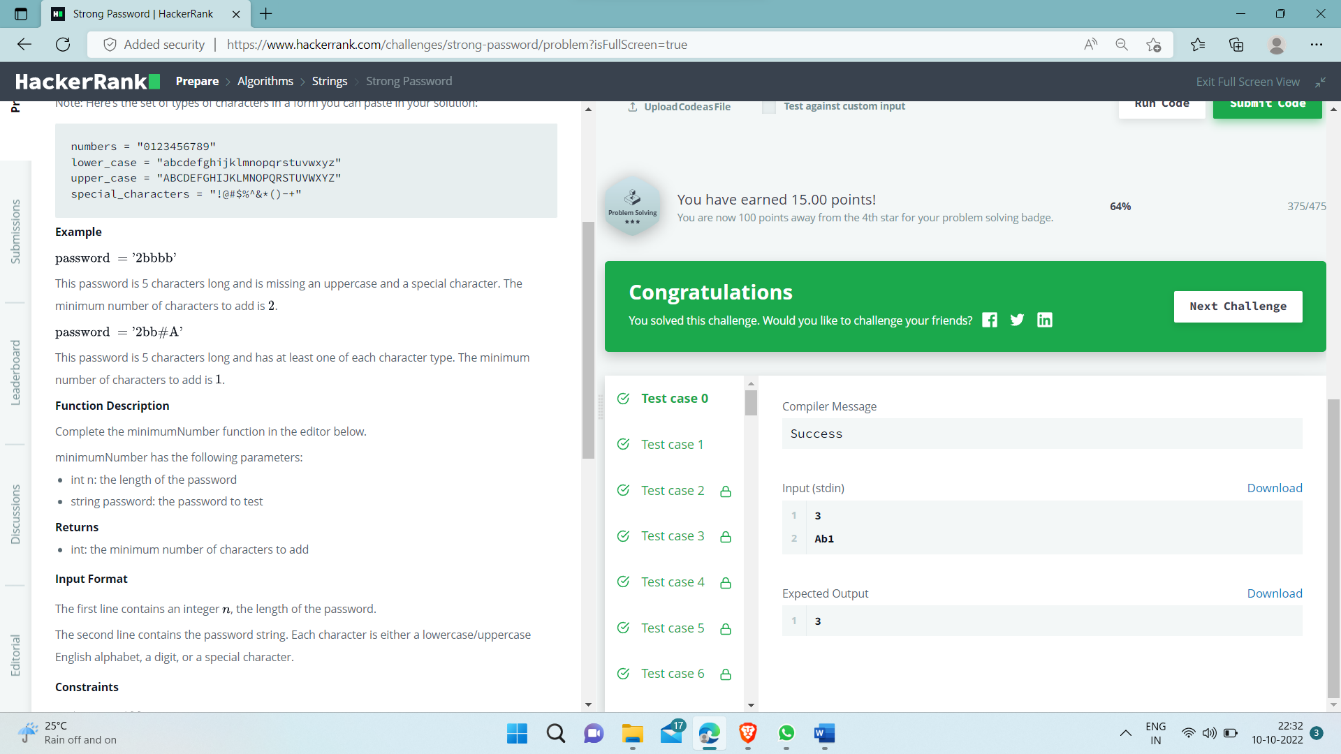
}

ans+=max(6-n,0);

cout<<ans;

}

**Output:-**



**Problem 2:- Camel Case**

<https://www.hackerrank.com/challenges/camelcase/problem?isFullScreen=true>

**Code:-**

#include <bits/stdc++.h>

using namespace std;

typedef long long ll;

typedef unsigned long long ull;

typedef pair<int, int> ii;

int main() {

string s;

cin>>s;

int count = 1;

for (const char c : s) {

if (c >= 'A' && c <= 'Z')

* + ++count;

}

cout<<count<<endl;

}

**Output:**

