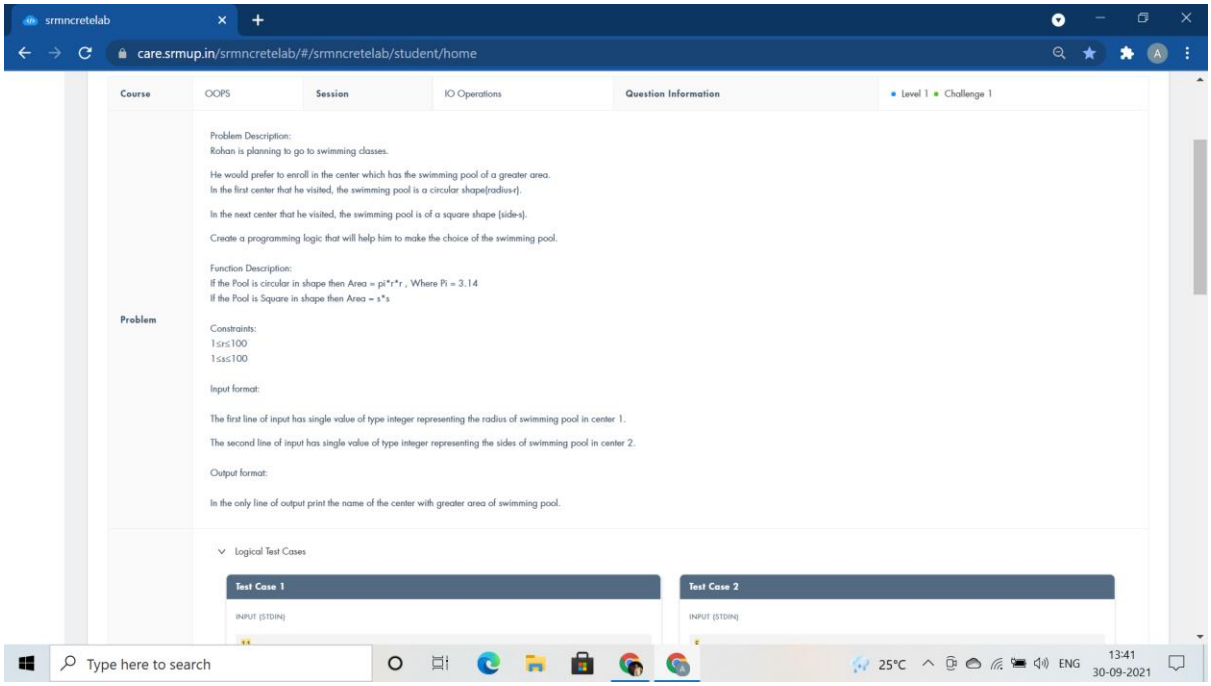
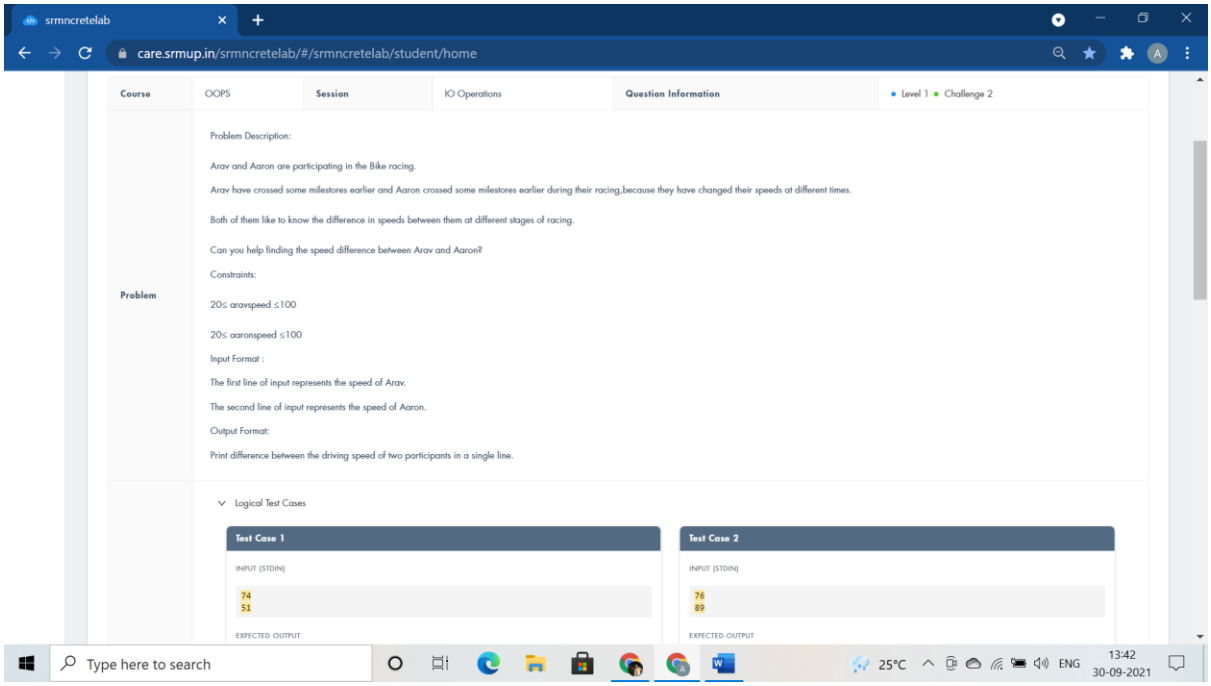
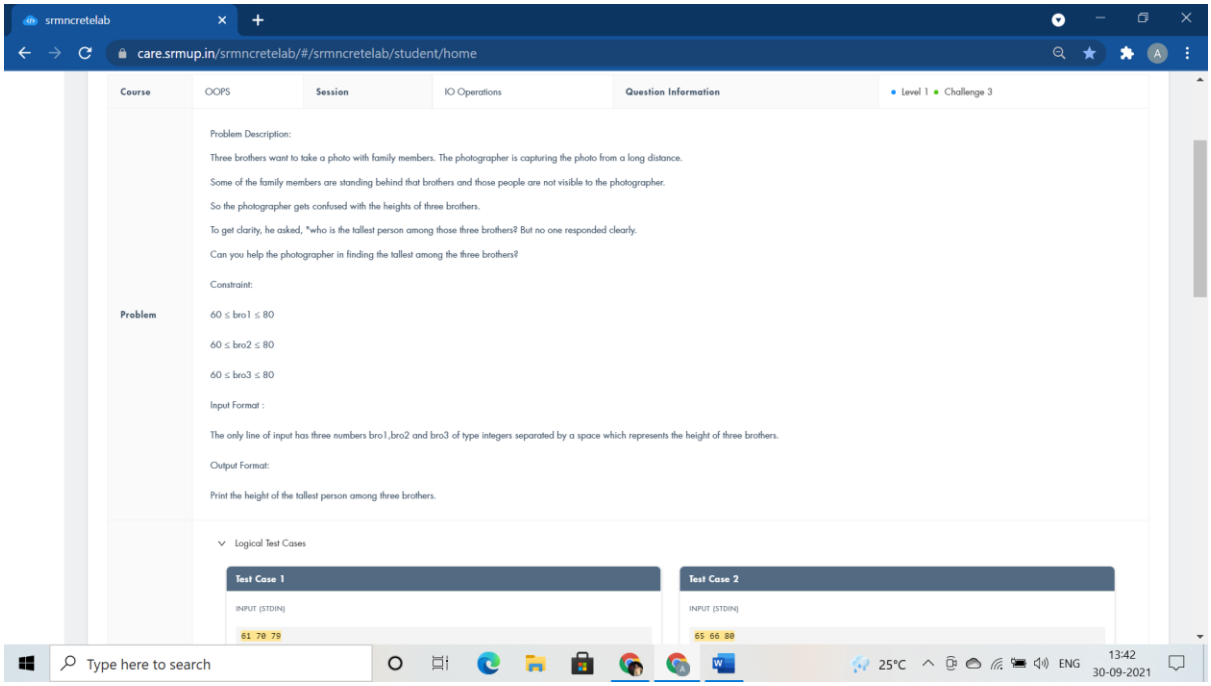


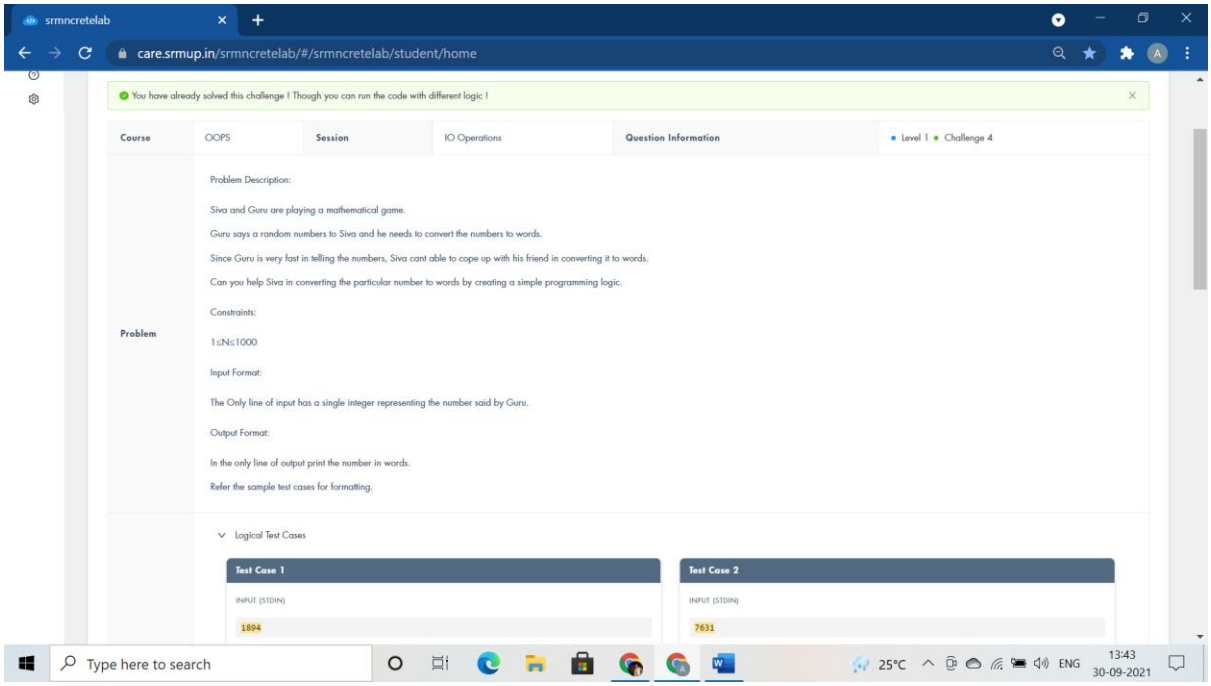

```
#include <iostream>
using namespace std;
int main()
{
   int r,s,cpool,spool;
   cin>>r>>s;
   cpool=3.14*r*r;
   spool=s*s;
   if(cpool>spool)
   cout<<"I Prefer Centre 1";
   else
   cout<<"I Prefer Centre 2";
         return 0;
}
```




```
#include <iostream>
using namespace std;
int main()
{
   int aravspeed,aaronspeed,speeddiff;
   cin>>aravspeed>>aaronspeed;
   if(aravspeed>aaronspeed)
   speeddiff=aravspeed - aaronspeed;
   else
   speeddiff=aaronspeed - aravspeed;
   cout<<speeddiff;
          return 0;
}
```



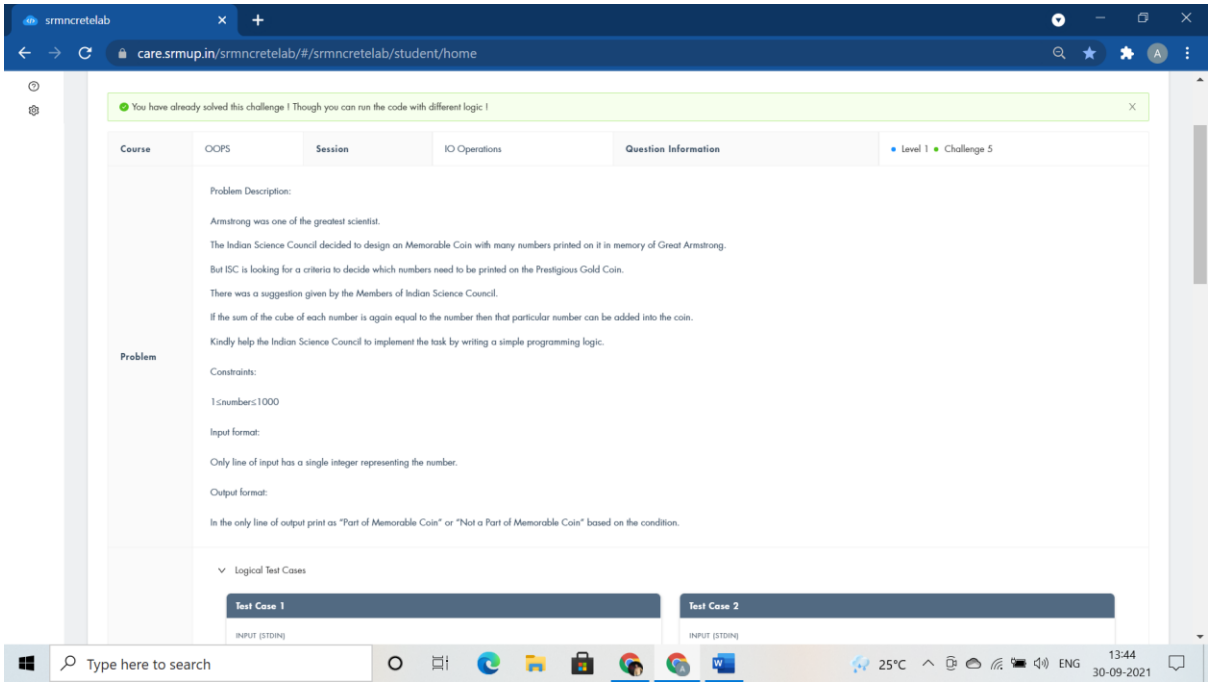

```
#include <iostream>
using namespace std;
int main() {
   int bro1,bro2,bro3;
   cin>>bro1>>bro2>>bro3;
   if(bro1>bro2)  {
      if(bro1>bro3)
      cout<<bro1;
      else
      cout<<bro3;
   }
   else if(bro2>bro3)
   cout<<bro2;
   else
   cout<<bro3;
         return 0;
}
```




```
#include <iostream>
using namespace std;
int main()
{
   int n,dig=0,rem;
   cin>>n;
   while(n!=0)
   {
      rem=n%10;
      dig=dig*10+rem;
      n/=10;
   }
   while(dig!=0)
   {
      rem=dig%10;
      switch(rem)
      {
         case 0:
```

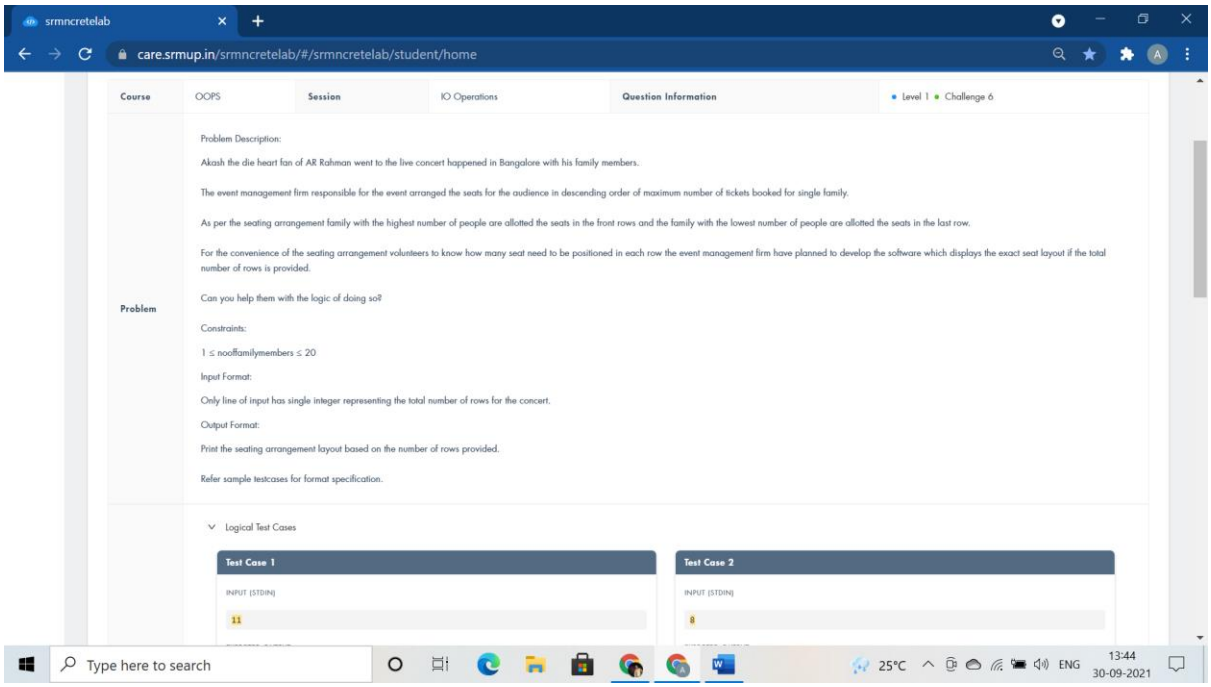
```
    cout<<"Zero ";
    break;
    case 1:
    cout<<"One ";
    break;
    case 2:
    cout<<"Two ";
    break;
    case 3:
    cout<<"Three ";
    break;
    case 4:
    cout<<"Four ";
    break;
    case 5:
    cout<<"Five ";
    break;
    case 6:
    cout<<"Six ";
    break;
    case 7:
    cout<<"Seven ";
    break;
    case 8:
    cout<<"Eight ";
    break;
    case 9:
    cout<<"Nine ";
    break;
  };
  dig/=10;
```

```
    }
        return 0;
}
```



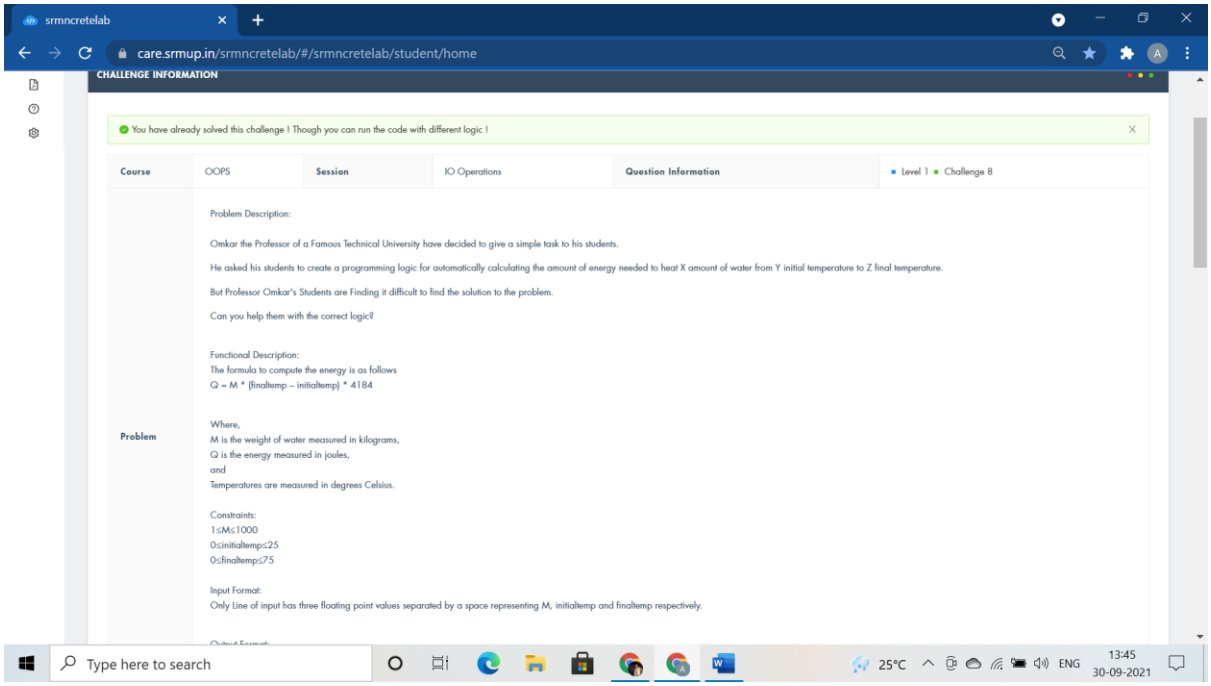

```
#include <iostream>
using namespace std;
int main()
{
   int number,num,rem,result=0;
   cin>>number;
   num=number;
   while(num!=0) {
      rem = num%10;
      result+=rem*rem*rem;
      num/=10;
```

```
    }
    if(result==number)
    cout<<"Part of Memorable Coin";
    else
    cout<<"Not a Part of Memorable Coin";
            return 0;
}
```

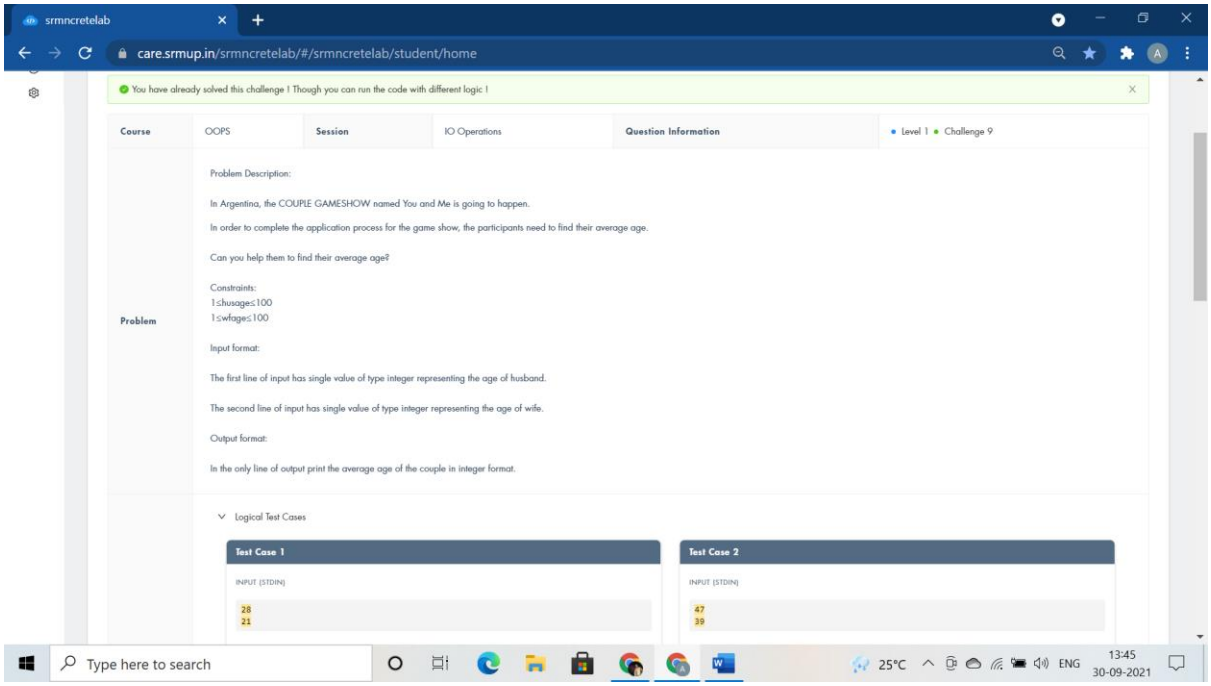



```
#include <iostream>
using namespace std;
int main()
{
    int nooffamilymembers,i,j;
    cin>>nooffamilymembers;
    for(i=nooffamilymembers;i>0;i--)
    {
       for(j=0;j<i;j++)
```

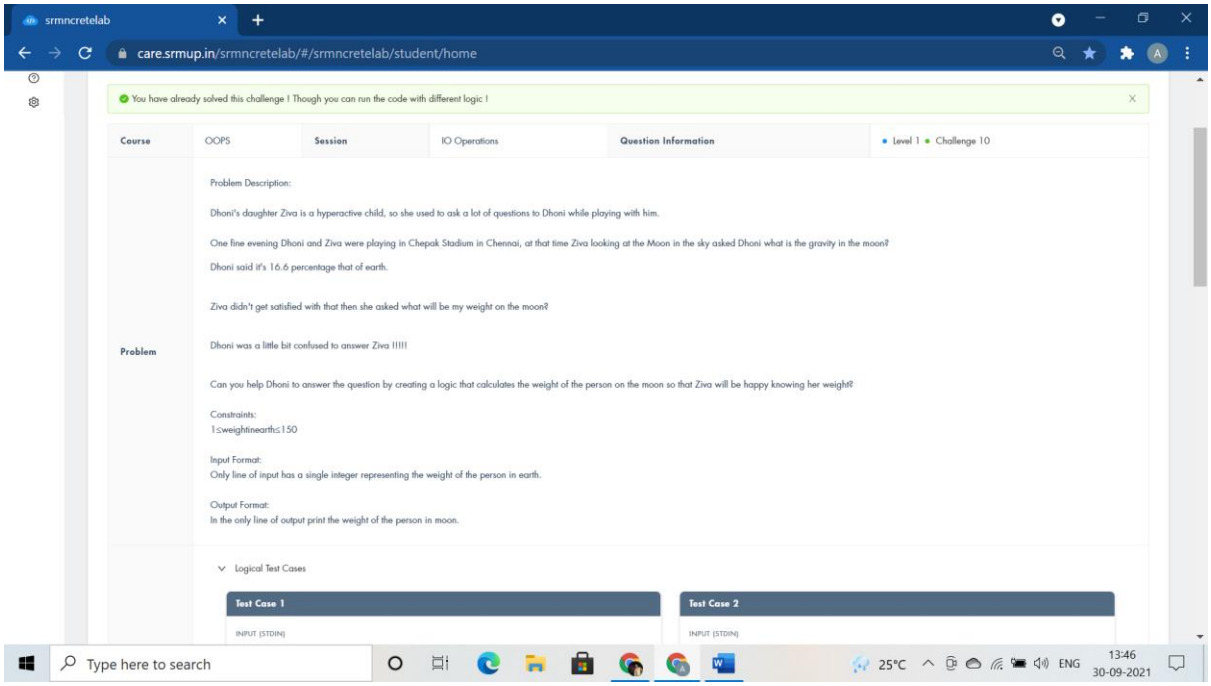
```
        cout<<i<<" ";
        cout<<endl;
    }
            return 0;
}
```




```
#include <iostream>
using namespace std;
int main()
{
    int M,initialtemp,finaltemp;
    float Q;
    cin>>M>>initialtemp>>finaltemp;
    Q=M*(finaltemp - initialtemp)*4184;
    cout<<""<<Q;
            return 0;
}
```




```
#include <iostream>
using namespace std;
int main()
{
   int husage,wfage,coupleavgage;
   cin>>husage>>wfage;
   coupleavgage=(husage+wfage)/2;
   cout<<"I am "<<husage<<endl<<"You are "<<wfage<<endl<<"We are around "<<coupleavgage;
          return 0;
}
```




```
#include <iostream>
using namespace std;
int main()
{
   int weightinearth;
   cin>>weightinearth;
   float weightinmoon;
   weightinmoon=0.166*weightinearth;
   cout<<weightinmoon;
          return 0;
}
```