```cpp
cout<<"enter choice btw 1 to 4";
cin>>choice;
if(choice==1)
    sum=a+b;
    cout<<"the sum is:"<<sum;
}
else if(choice==2){
    diff=a-b;
    cout<<"the difference is"<<diff;
}
else if(choice==3)
    pdt=a*b;
    cout<<"the product is"<<pdt;
}
else if(choice==4)
    quo=a/b;
    cout<<"the quotient is:"<<quo;
}
else
    cout<<"entered wrong choice";
}
return 0;
}
```

C:\Users\Admin\Desktop\p2.exe

```
enter choice btw 1 to 41
the sum is:7
-------------------------------
Process exited after 4.045 seconds with ret
Press any key to continue . . .
```

```
    cout<<"n is even";
if(n%2==1)

cout<<"n is odd";

return 0;

clude<iostream>
ng namespace std;
 main()█
 char s='z';
 if(s=='a'||s=='e'||s=='i'||s=='o'||s=='u'){

       cout<<"a vowel";
 }
 else{

    cout<<"a consonant";
 }
 return 0;

#include<iostream>
```
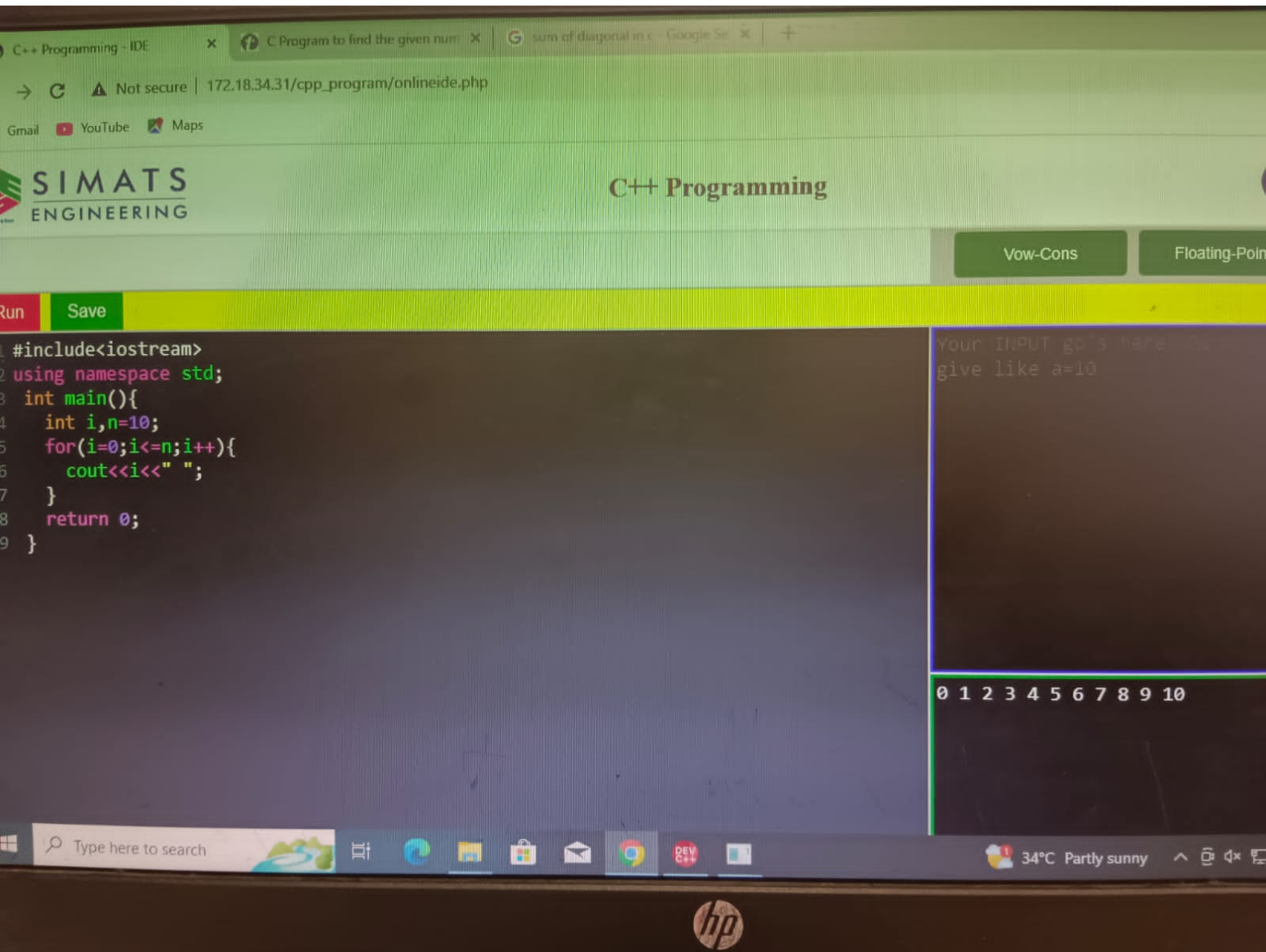
SIMATS
ENGINEERING

C++ Programming

Vow-Cons   Floating-Poin

Run   Save

```cpp
#include<iostream>
using namespace std;
int main(){
    int i,n=10;
    for(i=0;i<=n;i++){
        cout<<i<<" ";
    }
    return 0;
}
```

Your INPUT go's here
give like a=10

0 1 2 3 4 5 6 7 8 9 10

Type here to search

34°C Partly sunny

```
    1;
   (pos      pos>5){
   cout<<"invalid position";
   }
   else{
   for(i=pos-1;i<5-1;i++){
       arr[i]=arr[i+1];
   }i--;

   for(i=0;i<5-1;i++){
     cout<<arr[i]<<' ';
   }
   }
   return 0;
}
```

invalid position

SIMATS
ENGINEERING

C++ Programming

Arithmatic   Aver

Run   **Save**

```cpp
#include<iostream>
using namespace std;
int main(){
   int a=9,b=22;
   if(a==b){
     cout<<"a and b are equal";
   }
   else{
     cout<<"a and b arent equal";
   }
   return 0;
}
```

a and b arent equal

Type here to search   34°C Partly sunny

```cpp
}*/

#include<iostream>
int main(){
int a=10,b=189,c=100;
if((a>b)&&(a>c))
    std::cout<<"a is largest";
else if(b>c)
    std::cout<<"b is la
else
std::cout<<"c is lar
return 0;
}

/*#include<iostream>
int main(){
    int n,i,sum=0;
    std::cout<<"enter
    std::cin>>n;
```

Select C:\Users\Admin\Desktop\p1.exe

```
b is largest
------------------------------------------
Process exited after 0.05658 secon
Press any key to continue . . .
```

space, std;

rows;i++){
j i<j++){
*";

0;

Kumar

```
*
**
***
****
*****
```

SIMATS

C++ Programming

Arithmatic

Save

```cpp
#include<iostream>
using namespace std;
int main(){
char s;
cout<<"enter character:";
cin>>s;
if(s=='a'||s=='e'||s=='i'||s=='o'||s=='u'){
  cout<<"s is a vowel";
}
  else{
    cout<<"s ia a consonant";
  }
  return 0;
}
```

p

enter character:s ia a conson

SIMATS
ENGINEERIN

Programming

Save

```cpp
#include<iostream>
using namespace std;
int main(){
int pos=2,n=5;
int num=10;
int arr[5]={1,2,3,4,5};
int i;
 for(i=5;i>=pos;i--){
   arr[i]=arr[i-1];
 }
  arr[pos-1]=num;
  n++;
  for(i=0;i<n;i++){
    cout<<arr[i]<<" ";
  }
  return 0;
}
```

Your INPUT go's here
give like a=10

1 10 2 3 4 5

Type here to search

Run   Save

```cpp
1 #include<iostream>
2 using namespace std;
3 int max(int arr[5]){
4    int i,max=arr[0];
5    for(i=0;i<5;i++){
6       if(arr[i]>max){
7    max=arr[i];
8       }
9    }
10   cout<<"the max element is:"<<max;
11 }
12 int min(int arr[5]){
13 int i,min=arr[0];
14 for(i=0;i<5;i++){
15   if(arr[i]<min){
16      min=arr[i];
17   }
18 }
19   cout<<"the min element is:"<<min;
20 }
```

SIMATS

C++ Programming

Run   Save

```cpp
#include<iostream>
using namespace std;
int prime(int n){
   int i,flag=0;
   for(i=2;i<=n/2;i++){
     if(n%i==0){
        flag=1;
        break;
     }
   }
   if(flag==0){
cout<<"prime no";
   }
   else{
      cout<<"not prime";
   }
```

22

192224253
192224253

SIMATS
ENGINEERING

Save

```cpp
include<iostream>
using namespace std;
int main(){
int num=6;
int rem,sum=0,i;
for(i=1;i<num;i++){
rem=num%i;
if(rem==0){
um=sum+i;
}

f(sum==num){
cout<<"perfect no";

else{
cout<<"not a perfect no";
}
return 0;
```

Your INPUT go's h
give like a=10

perfect no

MATS

C++ Programming

```
namespace
main()

"enter choice:";
choice;
add,sub,mul,div,mod;
(choice==1){
add=a+b;
cout<<add;

lse if(choice==2){
sub=a-b;
cout<<sub;

else if(choice==3){
mul=a*b;
cout<<mul;
}
else if(choice==4){
div=a/b;
cout<<div;
}
```

enter choice:5

Run   Save

```cpp
#include<iostream>
using namespace std;
int gcd(int n1,int n2){
int i,g;
for(i=0;i<=n1 && i<=n2;i++){
if(n1%i==0 && n2%i==0){
    g=i;
}
}
cout<<"the gcd is:"<<g;
}
int main(){
    int n1,n2;
    n1=2;
    n2=12;
    gcd(n1,n2);
return 0;
}
```

Type here to search