

## PRACTICE PROGRAMS (DAY1)

### 1) C++ Program for Checking Voter Eligibility

The screenshot shows a code editor interface with a toolbar at the top. The left sidebar contains icons for various file types, and the main area has a 'main.cpp' tab. The code is as follows:

```
1 #include <iostream>
2 using namespace std;
3 int main() {
4     int a=0;
5     cout<<"Enter the Age:";
6     cin>>a;
7     if(a>=18)
8     {
9         cout<<"Eligible";
10    }
11 else{
12     cout<<"Not Eligible";
13 }
14
15 return 0;
16 }
```

The output window shows the results of running the code with the input '16'.

Output
Enter the Age:16 Not Eligible == Code Execution Successful ==

### 2) C++ Program for Checking Greatest of 3 Numbers

The screenshot shows a code editor interface with a toolbar at the top. The left sidebar contains icons for various file types, and the main area has a 'main.cpp' tab. The code is as follows:

```
1 #include <iostream>
2 using namespace std;
3 int main() {
4     int a,b,c=0;
5     cout<<"Enter the values:\n";
6     cin>>a>>b>>c;
7     if(a>b && a>c)
8     {
9         cout<<"a is Greatest";
10    }
11 if(b>a && b>c)
12 {
13     cout<<"b is Greatest";
14 }
15 if(c>a && c>b)
16 {
17     cout<<"c is Greatest";
18 }
19
20 return 0;
21 }
```

The output window shows the results of running the code with the input '20 30 45'.

Output
Enter the values: 20 30 45 c is Greatest == Code Execution Successful ==

### 3)Find odd or Even

The screenshot shows a code editor interface with a sidebar containing icons for various file types: Python, C/C++, C, C#, JavaScript, TypeScript, and Go. The main area is titled 'main.cpp' and contains the following C++ code:

```
1 #include <iostream>
2 using namespace std;
3 int main() {
4     int a=0;
5     cout<<"Enter the value of a:";
6     cin>>a;
7     if(a%2==0)
8     {
9         cout<<"It is Even";
10    }
11    else
12    {
13        cout<<"It is odd";
14    }
15
16    return 0;
17 }
```

The 'Run' button is highlighted in blue. To the right, the 'Output' panel shows the results of running the code with the input '23':

Enter the value of a:23  
It is odd  
== Code Execution Successful ==

### 4) C++ Program for sum of odd and even

The screenshot shows a code editor interface with a sidebar containing icons for various file types: Python, C/C++, C, C#, JavaScript, TypeScript, and Go. The main area is titled 'main.cpp' and contains the following C++ code:

```
1 #include <iostream>
2 using namespace std;
3 int main() {
4     int n=0;
5     int sum_odd,sum_even=0;
6     cout<<"Enter the value of n:";
7     cin>>n;
8     for(int i=1;i<=n;i++)
9     {
10         if(i%2==0)
11         {
12             sum_even=sum_even+i;
13         }
14         else
15             sum_odd=sum_odd+1;
16     }
17     cout<<sum_even<<endl;
18     cout<<sum_odd;
19     return 0;
20 }
```

The 'Run' button is highlighted in blue. To the right, the 'Output' panel shows the results of running the code with the input '1233':

Enter the value of n:1233  
380072  
617  
== Code Execution Successful ==