

**MUHAMMAD MUDASSAR ANWAR**

**CMS ID# 456925**

**ME-15 SEC-A**

**DATE:4 OCT 2023**

**FUNDAMENTAL OF PROGRAMMING lab 1**

## **1:AVERAGE MARKS OF THREE EXAMS**

```
#include<iostream>
using namespace std;
int main()
{
    double x1,x2,x3,x4;
    cout<<"enter marks";
    cin>>x1>>x2>>x3;
    x4=(x1+x2+x3)/3;
    cout<<"the average marks are"<<x4<<endl;
```

```
    if(x4>=60)
    {cout<<"you have passed the exam"<<endl;
    }
    else
    {cout<<"you have not passed best of luck for next time"<<endl;
    }
    return 0;
}
```

## **2:MAX VALUE OF TWO INTERGERS**

```
#include<iostream>
using namespace std;
int main()
{
    int num1,num2;
    cout<<"enter numbers";
    cin>>num1>>num2;
    if(num1>num2)
    {cout<<"max value is"<<num1<<endl;
    }
    else
    {cout<<"max value is"<<num2<<endl;
    }
}
```

```
        return 0;
    }
```

### **3:RANGE 10-50**

```
#include<iostream>

using namespace std;

int main()
{
    int x;

    cout<<"enter the number";

    cin>>x;

    if(x<10 || x>50)
    {cout<<"number does not lies in the range"<<endl;
    }

    else if(x>=10 || x<=50)
    {cout<<"number lies within range"<<endl;
    }

    return 0;
}
```

### **4:ELIGIBILITY FOR VOTING**

```
#include<iostream>

using namespace std;

int main()
{
    int x;
```

```
cout<<"tell your age";  
cin>>x;  
if(x>=18)  
    {cout<<"person is elligible for voting"<<endl;}  
    else if(x<18)  
    {  
        cout<<"elligible for voting"<<endl;  
    }  
    return 0;  
}
```