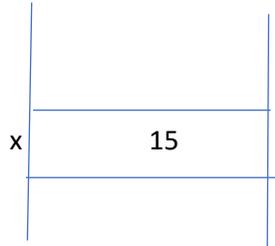


Solution of Practical work 3

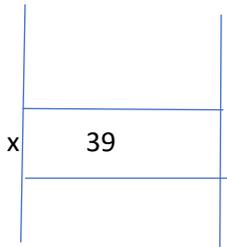
Exercise 1

1.



```
Please enter an integer:15
15 is divisible by 3 and 5
```

2.



```
Please enter an integer:39
39 is not divisible by 3 and 5
```

Exercise 2

```
#include <iostream>
using namespace std;
int main(){
    int tmp;
    cout<<"Please, input the temperature : ";
    cin>>tmp;
    if(tmp<0){
        cout<<"Freezing weather";
    }else if(tmp<10){
        cout<<"Very cold weather";
    }else if(tmp<20){
        cout<<"Cold weather";
    }else if(tmp<30){
        cout<<"Normal in temp";
    }else if(tmp<40){
        cout<<"Its Hot";
    }else{
        cout<<"Its very hot";
    }
    return 0;
}
```

Exercise 3:

```
#include <iostream>
using namespace std;
int main(){
    int anga, angb, angc, sum; //are three angles of a triangle
    cout<<"Input three angles of triangle : ";
    cin>>anga;
    cin>>angb;
    cin>>angc;
    /* Calculate the sum of all angles of triangle */
    sum = anga + angb + angc;
    /* Check whether sum=180 then its a valid triangle otherwise not */
    if(sum == 180)
    {
        cout<<"The triangle is valid.";
    }
    else
    {
        cout<<"We can not form a triangle using given values.";
    }
    return 0;
}
```