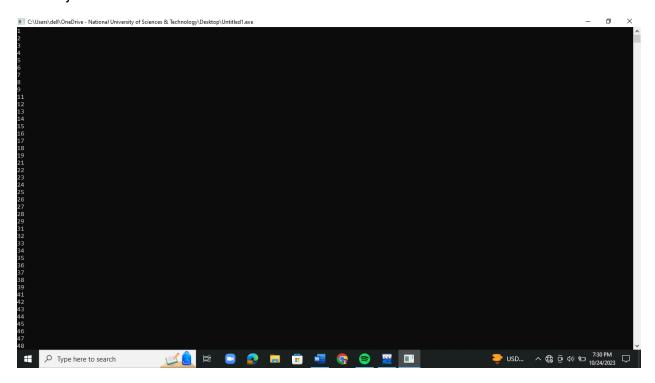
# Jonathan Sharif (474228)

### Lab Manual 4: Home task

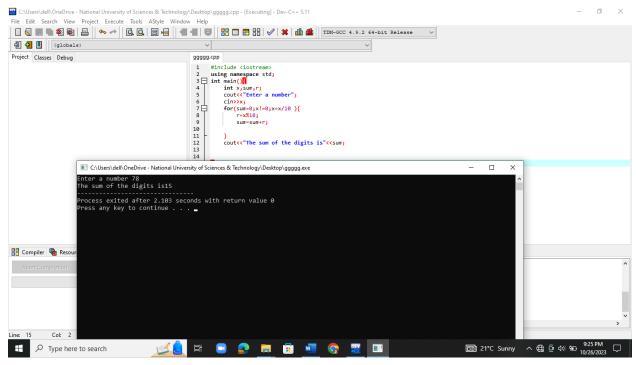
### Question 1:

```
1. #include <iostream>
2. using namespace std;
3. int main (){
          int y;
4.
          for(y=1; y<=150; y++){
5.
          if(y\%10==0){
6.
7.
                continue;
8.
          else { cout<<y<<endl;</pre>
9.
10.
11.
12.
          }
13.}
```



## Question 2:

```
1. #include <iostream>
2. using namespace std;
3. int main(){
4.
         int x,sum,r;
5.
         cout<<"Enter a number";
6.
         cin>>x;
         for(sum=0;x!=0;x=x/10){
7.
               r=x%10;
8.
9.
               sum=sum+r;
10.
11.
         cout<<"The sum of the digits is"<<sum;
12.
13.
14.
15.}
```



#### Question 3:

```
1. #include <iostream>
2. using namespace std;
3. int main(){
         int x,y,z=0;
4.
         cout<<"enter a number";</pre>
5.
6.
          cin>>x;
7.
         for(y=1; y<=x; y++){
                if(x\%y==0){
8.
9.
                Z++;
10.
          }
11.
12.}
13. if(z==2){
          cout<<"The number is prime";
14.
15.}
16. else { cout<<"the number is composite";</pre>
17.}
18.}
```

