FUNDAMENTALS OF PROGRAMMING

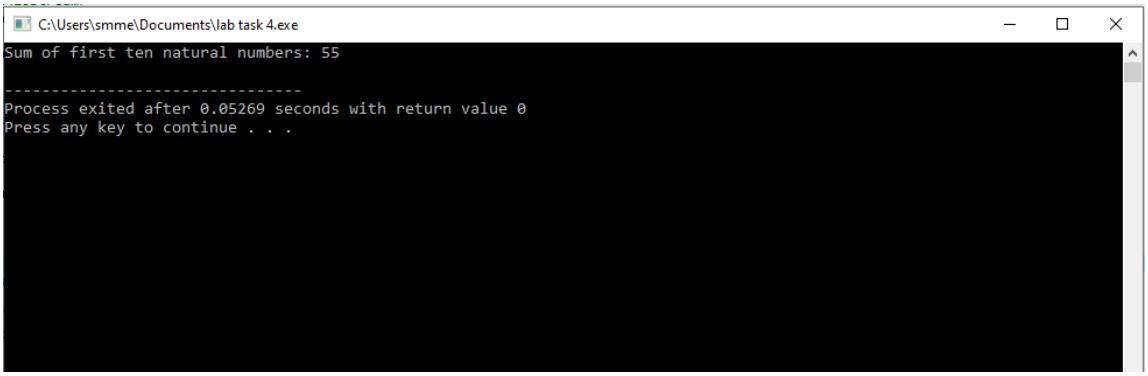
ME-15

SECTION B

HANIYYAH ABBAS 481755

TASK: 1

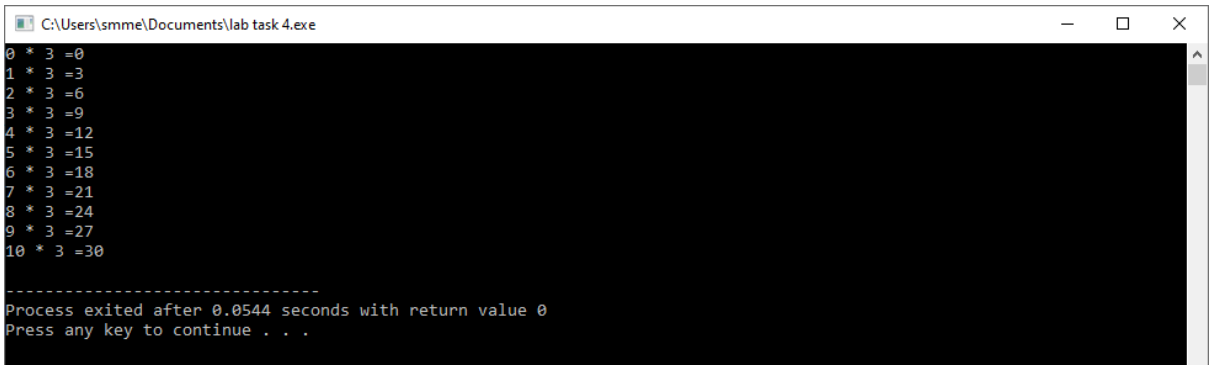
```
int main(){
int sum;
for(int i=0; i<11; i++){
sum+=I;
}
cout<<"Sum of first ten natural numbers:"<<sum<<endl;
return 0;
}
```



TASK: 2

```
int main(){
int table=3, multiply;
for(int i=0; i<11; i++){
cout<<i<<" * 3 ="<<endl;
}

return 0;
}
```

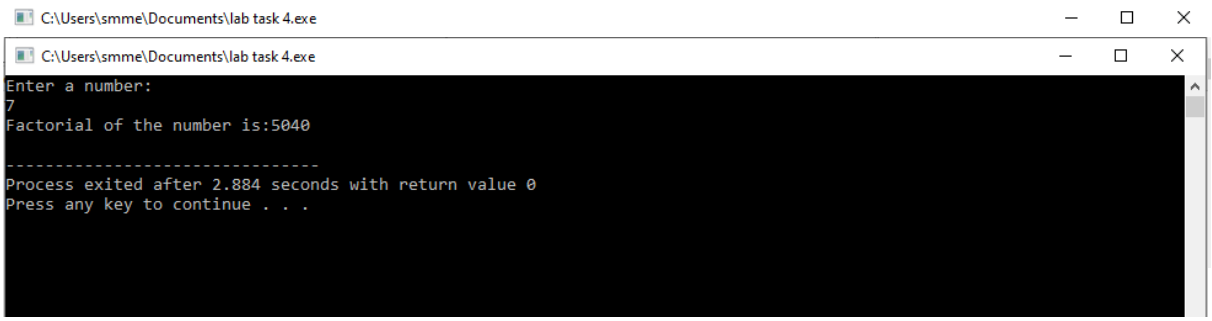


TASK: 3

```
int main(){
int k, I;
cout<<"Enter a number:"<<endl;
cin>>k;

for (int i=k-1, i>=1; i--)
k*=I;
}
cout<<"Factorial of the number is:"<<k<<endl;

return 0;
}
```

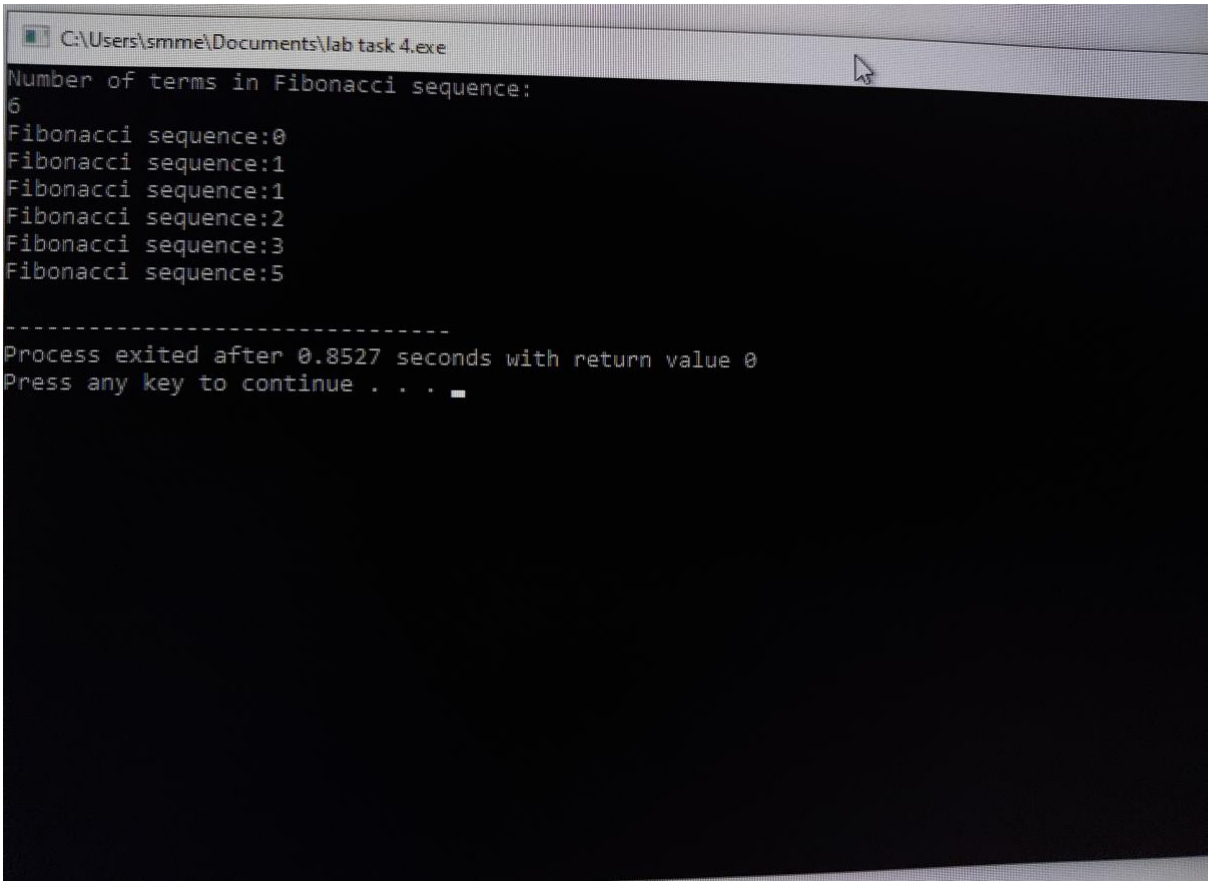


TASK: 4

```
int main(){
int term;
```

```
cout<<”Number of terms in Fibonacci sequence:”<<endl;


int num1=0, num2=1, num3;
if (x<=1){
num3 = x;}
else{
num3 = num1 + num2;
num1 = num2;
num2 = num3;
}
cout<<”Fibonacci sequence:”<<endl;
}
return 0;
}
```


C:\Users\smme\Documents\lab task 4.exe
Number of terms in Fibonacci sequence:
6
Fibonacci sequence:0
Fibonacci sequence:1
Fibonacci sequence:1
Fibonacci sequence:2
Fibonacci sequence:3
Fibonacci sequence:5

Process exited after 0.8527 seconds with return value 0
Press any key to continue . . .