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Class:ME-15

Section-C

Lab assignment 6

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Q:Write a program in C++ to form a fabunacii sries.

```
# include <iostream>
```

```
using namespace std;
```

```
int main(){
```

```
    int n,x=0,y=1,z=0;
```

```
    cout<<"Enter the maximum number for fabunacci  
series";
```

```
    cin>>n;
```

```
    for(z=0;z<=n;z=x+y){
```

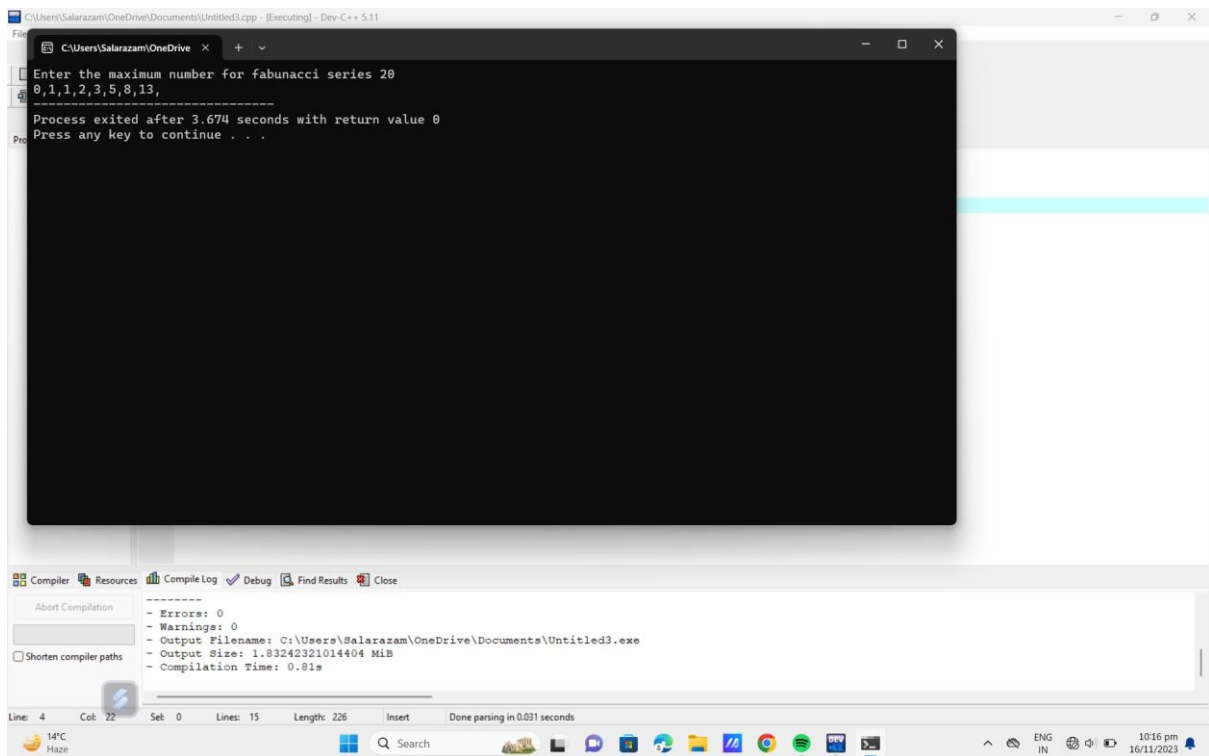
```
        cout<<z<<" ,";
```

```
        x=y;
```

```
        y=z;
```

```
    }return 0;
```

}



Q:2

```
# include <iostream>
```

```
using namespace std;
```

```
int main(){
```

```
    int row,n,space;
```

```
    cout<<"Enter total number of rows";
```

```
    cin>>n;
```

```
    for(row=1;row<=n;row++)
```

```
{for(space=1;space<=row;space++)
```

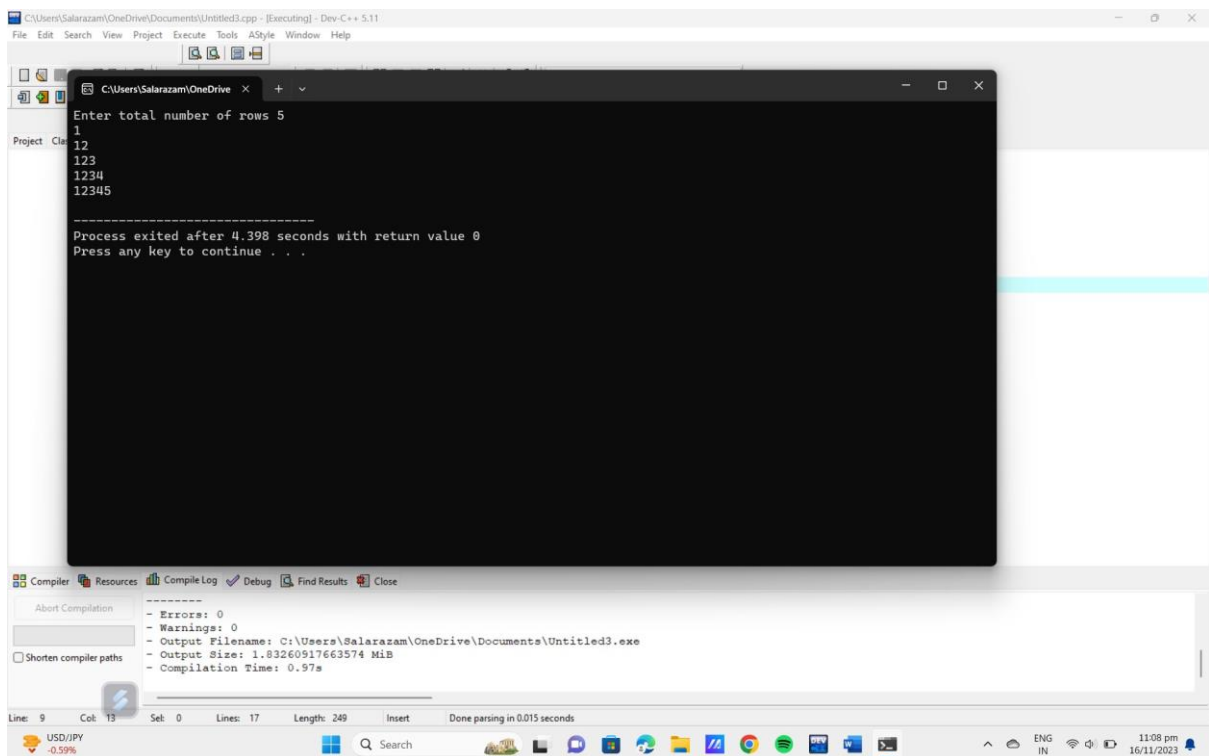
```
{cout<<space;
```

```
}
```

```
cout<<" "<<endl;
```

```
}return 0;
```

```
}
```



Q:Write a program to print prime numbers between 4 and 150.

```
# include <iostream>
```

```
using namespace std;
```

```
int main(){
```

```

int num,j=0,count=0,sum=0;
for(num=4;num<=150;num++)
{for(j=0;j<=num;j++)
    {if(num%j==0)
        count++; }
    if(count<=2
        )

    {sum=sum+num; }

}cout<<sum;
return 0;
}

```

Q:Write a program to create a floyd's triangle.

```
# include <iostream>
```

```
using namespace std;
```

```
int main(){
```

```
    int n,b,i,j;
```

```
    cout<<"ENter the number of rows";
```

```
    cin>>n;
```

```
    for(i=1;i<=4;i++){
```

```
        for(b=1;b<=n-i;b++)  
            {cout<<" ";}  
    for(j=1;j<=i;j++)  
        {cout<<j+i;}  
    cout<<endl;  
  
    }  
    return 0;  
}
```

