Assignment - 15

1A.

```python
def gendiv_5_7(n):
    count=0
    for i in range(0,n):
        if (i%5 == 0) and (i%7==0):
            ls.append(i)
            count=count+1
ls=[]
n1 = int(input('Enter the max number: '))
numbers=gendiv_5_7(n1)
for i in range(0,count):
    next(numbers)
','.join([str(i) for i in ls])
```

2A.

```python
def gen_evn(n):
    count=0
    for i in range(0,n):
        if (i%2 == 0) :
            ls.append(i)
            count=count+1
ls=[]
n1 = int(input('Enter the max number: '))
numbers=gen_evn(n1)
```

```python
for i in range(0,count):

    next(numbers)

','.join([str(i) for i in ls])
```

3A.
```python
n=7

mylist=[0,1]

[mylist.append(mylist[-2]+mylist[-1]) for n in range(n)]

print(mylist)
```

4A.
```python
email='john@google.com'

print(email[0:email.index('@')])

print(email.split('@')[0])
```

5A.
```python
class Shape(object):

    def __init__(self):

        pass

    def area(self):

        return 0


class Square(Shape):

    def __init__(self,lent):

        Shape.__init__(self)

        self.length = lent
```

```python
    def area(self):

        return self.length*self.length


sq = Square(10)

print(sq.area())
```