Q1

FibonacciSeries.py

```python
n1=0
n2=1
nt=n1+n2
n=int(input("n: "))
if(n==0):
    print(0)
    exit()
print(n1)
print(n2)

while(nt<=n):
    print(nt)

    n1=n2
    n2=nt
    nt=n1+n2
```

Q2

Primeul.py

```python
x=int(input("x: "))
y=int(input("y: "))

for i in range(x,y+1):
    for j in range(2,i):
        if(i%j==0):
            break
        if(j==i-1):
            print(j+1)
```

ArmstrongNum.py

```python
n=int(input("n: "))
s=str(n)
size=len(s)

temp=n
summ=0

while(n>0):
    rem=n%10
    summ=summ+(rem**size)
    n=n//10

print("sum of powers:",summ)
if(summ==temp):
    print("armstrong number")
else:
    print("not armstrong number")
```

er or

100%

IsAlphaVowel.py

nant

```python
# Type your program here...
ch=str(input("ch: "))
if(ch=="a" or ch=="A" or ch=="e" or ch=="E" or ch=="i" or ch=="I" or ch=="o" or ch=="O" or ch=="u" or ch=="U"):
    print("letter and vowel")
elif(ch>='a' and ch>='z') or (ch>="A" and ch<="Z"):
    print("letter and consonant")
else:
    print("not letter")
```

Biggest3N.py

nree

```python
a,b,c=map(int,input("a,b,c: ").split(","))
print(max(a,max(b,c)))
```

Q6

Floyds.py

```python
n=int(input("n: "))
k=1
for i in range(1,n+1):
    for j in range(1,i+1):
        print(k,end=" ")
        k+=1
    print("")
```

Q7

Pascal.py

```python
n=int(input("rows: "))

for i in range(1,n+1):
    for j in range(1,n-i+2):
        print(" ",end="")
    val=1
    for k in range(1,i+1):
        print(val,"",end="")
        val=val*(i-k)//k
    print("")
```