

Patterns

Pattern-1:

A
ab
ABC
abcd
ABCDE

#program

```
rows=5
for i in range(1,rows+1):
    n=65
    k=97
    for j in range(1,i+1):
        if i%2==0:
            print(chr(k),end="")
            k+=1
        else:
            print(chr(n),end="")
            n+=1
    print()
```

Pattern-2:

A
12
ABC
1234
ABCDE

#program

```
rows=5
for i in range(1,rows+1):
    n=65
    for j in range(1,i+1):
        if i%2==1:
            print(chr(n),end="")
            n+=1
        else:
            print(j,end="")
    print()
```

Pattern-3:

1
12
123
1234
12345

#program

```
rows=5
for i in range(1,rows+1):
    for j in range(1,i+1):
        print(j,end="")
    print()
```

Pattern-4:

A
AB
ABC
ABCD
ABCDE

#program

```
rows=5
for i in range(1,rows+1):
    n=65
    for j in range(1,i+1):
        print(chr(n),end="")
        n+=1
    print()
```

Pattern-5:-

1
22
333
4444
55555

#program

```
rows=5
for i in range(1,rows+1):
    for j in range(1,i+1):
        print(i,end="")
    print()
```