

# 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()
```