

# 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()
```