PATTERNS

Pattern-1

```
rows=5
for i in range(1,rows+1):
   n=65
   m=97
   for j in range(1,i+1):
     if i==2 or i==4:
        print(chr(m),end="")
     else:
        print(chr(n),end="")
     n+=1
     m+=1
   print()
```

output:

```
A
ab
ABC
abcd
ABCDE
```

Pattern-2

```
rows=5
for i in range(1,rows+1):
   n=65
   for j in range(1,i+1):
     if i==2 or i==4:
```

```python
            print(j,end="")
        else:
            print(chr(n),end="")
        n+=1
    print()
```

output:

A

12

ABC

1234

ABCDE

Pattern-3

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

output:

1

12

123

1234

12345

Pattern-4

```python
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()
```

output:

A

AB

ABC

ABCD

ABCDE

Pattern-5

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

output:

1

22

333

4444

55555