

**TASK1:**

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

**output:**

```
A
a b
A B C
a b c d
A B C D E
```

**TASK2:**

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

```
print()
```

**output:**

```
1
12
123
1234
12345
```

**TASK3:**

```
rows = 5
```

```
for i in range(1, rows + 1):
```

```
    print(" " *(rows-i),end=" ")
```

```
    for j in range(1, i + 1):
```

```
        print(i, end="")
```

```
    print()
```

**output:**

```
1
22
333
4444
55555
```

**TASK4:**

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

**output:**

```
  A
 AB
ABC
ABCD
ABCDE
```

**TASK5:**

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

```
print()
```

**output:**

A

12

ABC

1234

ABCDE