Python_pattern.png answers

A 1 - n = 5
```
for i in range(n):
    print('*' * (i + 1))
```


A 2 - n = 4
```
for i in range(1, n + 1):
    for j in range(1, i + 1):
        print(j, end='')
    print()
```

A 3 - n = 4
```
count = 1
for i in range(1, n + 1):
    for j in range(i):
        print(count, end='')
        count += 1
    print()
```


A 4 - n = 5
```
for i in range(n, 0, -1):
    print('*' * i)
```


A 5 - n = 4
```
for i in range(n, 0, -1):
    for j in range(1, i + 1):
        print(chr(64 + j), end='')
    print()
```

A 6 - n = 4
```
for i in range(1, n + 1):
    for j in range(i):
        print(i, end='')
    print()
```

A 7 -
```
for i in range(4, 0, -1):
    for j in range(i, 0, -1):
        print(j, end="")
    print()
```

A 8 - n = 4

```python
for i in range(1, n + 1):
    for j in range(1, i + 1):
        print(chr(64 + j), end="")
    print()
```

A 9 - n = 5

```python
for i in range(n, 0, -1):
    for j in range(1, i + 1):
        print(j, end="")
    print()
```

A 10 - n = 6

```python
for i in range(n-1, 0, -1):
    for j in range(n-1, n-i-1, -1):
        print(chr(65+j), end="")
    print()
```

A 11 - n = 5

```python
for i in range(n):
    print(' ' * i + '*' * (n - i))
```

11th May Patterns ( file name)

A 1 - 
```python
for i in range(4):
    line = ""
    for j in range(4 - i):
        line += chr(65 + j)
    for k in range(i + 1):
        line += str(k + 1)
    print(line)
```

A 2 - 
```python
start = 65
rows = 4

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

```
    print()

A 3 - for i in range(3):
print(' ' * i + '*' * (5 - 2*i))


A 4 - start_char = 65
start_num = 1

for i in range(4):
    for j in range(i+1):
        print(chr(start_char), end="")
        start_char += 1
    for k in range(i+1):
        print(start_num, end="")
        start_num += 1
    print()
```

23rd april pattern png file answers. (file name)

```
A 1 - for i in range(4, 0, -1):
  for j in range(i):
      print("*", end=" ")
  print()

A 2 - num = 10
for i in range(1, 4):
    for j in range(i):
        print(num, end=" ")
        num += 1
    print()

A 3 - for i in range(1, 5):
    for j in range(10, 10 + i):
        print(j, end=" ")
    print()

A 4 - for i in range(1, 5):
  for j in range(i):
      print(chr(65 + j), end=" ")
  print()

A 5 - for i in range(4, 0, -1):
  for j in range(0, i):
```

```python
        print(chr(68 - j), end=" ")
    print()
A 6 - for i in range(4, 0, -1):
    for j in range(i, 0, -1):
        print(chr(64 + j), end=" ")
    print()

A 7 - for i in range(1, 6):
    for j in range(1, i + 1):
        print(1 if j % 2 != 0 else 2, end="")
    print()

A 8 - letters = ['F', 'H', 'J', 'L', 'N', 'P', 'R', 'T', 'V', 'X']
index = 0
for i in range(1, 5):
    for j in range(i):
        print(letters[index], end=" ")
        index += 1
    print()

A 9 - for i in range(4):
    for j in range(i):
        print(" ", end="")
    for k in range(4 - i):
        print("*", end="")
    print()
```