Lab3

```python
def gamma(istr,key):
    output = ""
    for i in range(0,len(istr)):
        output += chr(ord(istr[i]) ^ ord(key[i]))
    return output
```

. 1:

```python
def gamma(istr,key):
    output = ""
    for i in range(0,len(istr)):
        output += chr(ord(istr[i]) ^ ord(key[i]))
    return output

text = "С Новым годом!"
key =  "ABCDEFGHIJKLMN"
cipher = gamma(text,key)
print(text)
print(key)
print(cipher)
print(" ")
print(gamma(cipher,key))
print(gamma(cipher,text))
```

. 2:

```
=============== RESTART: C:/Users/Ilja/Documents/gamma-cipher.py
С Новым годом!
ABCDEFGHIJKLMN
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С Новым годом!
ABCDEFGHIJKLMN
```

. 3: