

```
In [4]: #Name: Mohith Dande
def rotate_and_convert(binary_str, k):
    n = len(binary_str)
    k = k % n
    rotated = binary_str[-k:] + binary_str[:-k]
    return int(rotated, 2)

# Test examples
if __name__ == "__main__":
    print(rotate_and_convert("1011", 1)) # Output: 13
    print(rotate_and_convert("1100", 2)) # Output: 3
```

13

3

In []: