```
import eulerlib, itertools


def compute():
	ans = max(((a, b) for a in range(-999, 1000) for b in range(2,
1000)),
		key=count_consecutive_primes)
	return str(ans[0] * ans[1])


def count_consecutive_primes(ab):
	a, b = ab
	for i in itertools.count():
		n = i * i + i * a + b
		if not is_prime(n):
			return i


isprimecache = eulerlib.list_primality(1000)

def is_prime(n):
	if n < 0:
		return False
	elif n < len(isprimecache):
		return isprimecache[n]
	else:
		return eulerlib.is_prime(n)


if __name__ == "__main__":
	print(compute())
```