

EXPERIMENT:04 Write the python program for Cript-Arithmetic problem

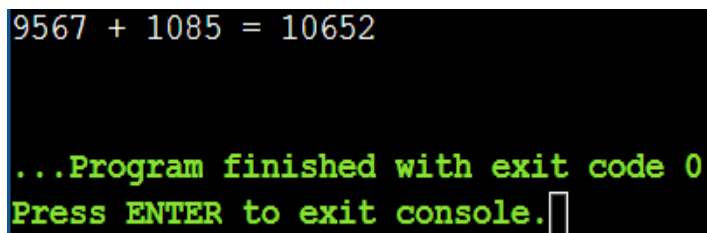
PROGRAM:

```
import itertools

def solve():
    for p in itertools.permutations('0123456789', 8):
        s,e,n,d,m,o,r,y = p
        if s != '0' and m != '0':
            send = int(s+e+n+d)
            more = int(m+o+r+e)
            money = int(m+o+n+e+y)
            if send + more == money:
                print(f"{send} + {more} = {money}")
                return

solve()
```

OUTPUT:



```
9567 + 1085 = 10652

...Program finished with exit code 0
Press ENTER to exit console.█
```