1 2 3 4 5

res = 1

× 2

res = 2

× 3

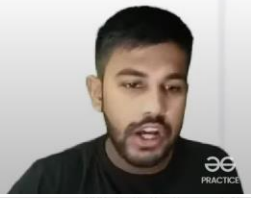
6

6 × 4

24

car = 2

24 × 5



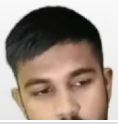
1 2 3 4 5

2 4 × 5

car = 1

1 2 0

+

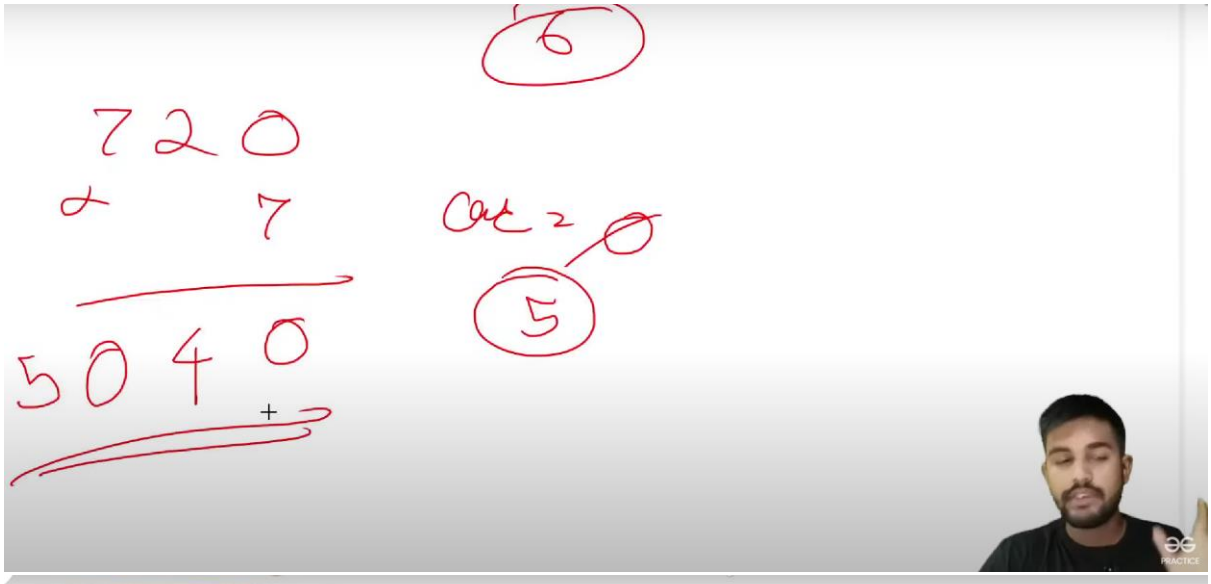


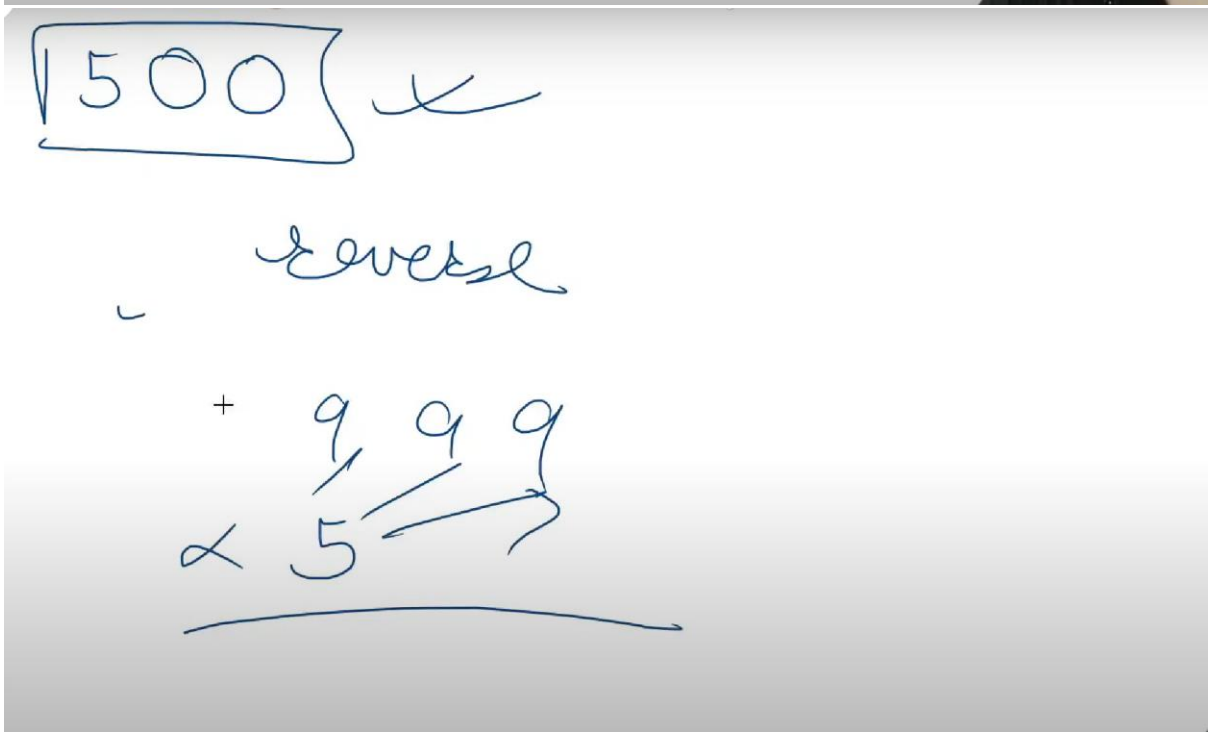
6

1 2 0 × 6

car = 0 1

7 2 0





Algo is mulply in reverse order minupulate the carry value, do same

→ Large number factorial

while i = 4

for i = 5

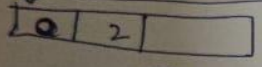
carry = 0

for 0 to 2 [size]

4 * 5 + 0

j = 0 data 20

A[j] = 20 % 10 = 0



carry = 2

j++

for → 1

2 * 5 + 2

10 + 2

data 12

j = 1

A[j] = 12 % 10 = 10)12(2

00

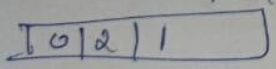
2

carry = 12 / 10

= 1

→ while (carry = 1)

Path conf



carry = carry / 10;

→ for → i con

call

move the vector & return