

$$6759 \Rightarrow 9576$$

$$6 \times 10^3 + 7 \times 10^2 + 5 \times 10^1 + 9 \times 10^0$$

$$9 \times 10^3 + 5 \times 10^2 + 7 \times 10^1 + 6 \times 10^0$$

$$6000 + 700 + 50 + 9$$

$$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$$

$$10 \times 6 \quad 10 \times 7 \quad 10 \times 5 \quad 10 \times 9$$

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$$(6759)_{10} \Rightarrow 600 + 50 + 9$$

$$\downarrow \quad \downarrow \quad \downarrow$$

$$10 \times 6 \quad 10 \times 5 \quad 10 \times 9$$

$$656 \div 10 \Rightarrow 10$$

$$600 + 50 + 6$$

$$\downarrow \quad \downarrow \quad \downarrow$$

$$10 \times 6 \quad 10 \times 5 \quad 10 \times 6$$

Q. Reverse the number:

num = 32143 o/p: 34123

num = 84 o/p: 48

num = 1 o/p: 1

Q. Factorial of an user given num.

Q. Multiply: int num = 5; num = 6

o/p: 5 * 4 * 3 * 2 * 1 \Rightarrow 120

o/p:

n = 5 o/p: 5 + 4 + 3 + 2 + 1 \Rightarrow (15) o/p

int num = 5; int sum = 0;

for (int i = 1; i <= num; i++)

sum = sum + i; // sum * i.

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cout << sum;

$$5 \div 10 = 0$$

$$5 \div 10 = 0$$

n = 10

if (n % 2 == 0) {

cout << "Even";

} else {

cout << "Odd";

}

n1 = 10 n2 = 100

n1 ~ n2 \Rightarrow odd \Rightarrow sum

int sum = 0;

for (int i = n1; i <= n2; i++)

{

if (i % 2 == 1) {

int newsum = sum + i;

sum = newsum;

sum += 1

(sum = sum + i)

}

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cout << sum;

Q. n1 = 10 n2 = 100 o/p: sum.

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pseudo-code:

Scanner..

int n1 = 10 n2 = 100;

int sum = 0;

while (n1 <= n2) {

if (n1