QSpiders|JSpiders|PySpiders, NOIDA

B-4, Block-B, Sector-3, Noida

Arithmetic Operator Programming Questions by Shambhu Sir

@javac_java

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Q1

For a given number int n=5783;
a. **Print the last digit of the number**
b. **Print the last two digit of the number**
c. **Remove the last digit of the number**
d. **Remove the last two digit of the number**

Operator based Programming

Q2

For a given number int n=5783;

Print each digit of the number one by one from Right to Left.

o/p:

3

8

7

5

Operator based Programming

Q3

For a given number int n=5783;

Print each digit of the number one by one from Left to Right.

o/p:

5

7

8

3

<u>Operator based Programming</u>

Q4

WAJP to swap two numbers.

    a. **With using a third variable**

    b. **Without using third variable**

Important Don't leave it..!!

Operator based Programming

Q5

For the given three numbers. Swap 1st into 2nd, 2nd into 3rd and 3rd into 1st number.

a. With using fourth variable

b. Without using fourth variable

Operator based Programming

Q6

For the given CP and SP. Calculate %Profit.

CP=120;

SP=160;

Operator based Programming

Q7

For the given CP and SP. Calculate %Loss.

CP=120;

SP=90;

Operator based Programming

Q8

Find the Last Digit of a Number Without using % operator.

Int n=12345;

Output:

5

Operator based Programming

Q9

Reverse a 3-Digit Number Using Pure Arithmetic operator.

Int n=123;

Output:

321

Operator based Programming

Q10

Find Sum of three Digit number Without using Loops

Int n=123;

Output:

6

Operator based Programming

Q11

Find Sum of First N Natural Numbers Without Loop

Int n=100;

1+2+3+…. Upto 100

Output:

5050

Operator based Programming

Q12

Find Sum of all odd Numbers up to n Without Loop

Int n=100;

1+3+5+….upto 100

Output:

2500

Operator based Programming

Q13

Find Sum of all even Numbers up to n Without Loop

Int n=100;

2+4+6+….upto 100

Output:

2550

Operator based Programming

Q14

Find Sum of squares of all Numbers up to n Without Loop

Int n=100;

$$1^2 + 2^2 + 3^2 + \cdots \ldots \ldots \ldots \ldots \ldots \ldots . upto\ 100$$

Output:

2550

Operator based Programming

Q15

Evaluate the Expression:

int x = 5 / 2 * 2;

System.out.println(x);

<u>Operator based Programming</u>

Q16

Evaluate the Expression:

int n = 128;

int rev = (n % 10) * 100 + ((n / 10) % 10) * 10 + (n / 100);

System.out.println(rev);

Operator based Programming

Q17

Evaluate the Expression:

int n = 120;

int rev = (n % 10) * 100 + ((n / 10) % 10) * 10 + (n / 100);

System.out.println(rev);

Operator based Programming

Q18

Evaluate the Expression:

int x = 1 + 2 * 3 / 4;

System.out.println(x);

Operator based Programming

Q19

Evaluate the Expression:

int x = 1 + 2 / 3 * 4;

System.out.println(x);

Operator based Programming

Q20

Evaluate the Expression:

int x = 100 / 10 * 2 % 3;

System.out.println(x);

Operator based Programming

Q21

Evaluate the Expression:

System.out.println(0/0);

Operator based Programming

Q22

Evaluate the Expression:

System.out.println(0.0/0.0);

Operator based Programming

Q23

Evaluate the Expression:

System.out.println(1.0/0.0);

Operator based Programming

Q24

Evaluate the Expression:

System.out.println(-1.0/0.0);