

QSpiders | JSpiders | PySpiders, NOIDA

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

While Loop-II Questions by Shambhu Sir



@javac_java

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Q1 WAJP to print sum of all natural numbers from 1 to 100.

1+2+3+4+.....+100

While Loop based Programming

Q2

**WAJP to print sum of all even numbers
from 1 to 100.**

2+4+6+8+.....upto 100

While Loop based Programming

Q3

**WAJP to print sum of all Odd numbers
from 1 to 100.**

1+3+5+7+.....upto 100

While Loop based Programming

Q4

WAJP to print sum of squares of all natural numbers from 1 to 100.

$1^2 + 2^2 + 3^2 + \dots \text{ upto } 100$

While Loop based Programming

Q5

WAJP to print sum of cubes of all natural numbers from 1 to 100.

$1^3 + 2^3 + 3^3 + \dots \text{ upto } 100$

While Loop based Programming

Q6

WAJP to print sum of squares of all even numbers from 1 to 100.

$2^2 + 4^2 + 6^2 + \dots \text{ upto } 100$

While Loop based Programming

Q7

WAJP to print sum of cubes of all even numbers from 1 to 100.

$2^3 + 4^3 + 6^3 + \dots \text{ upto } 100$

While Loop based Programming

Q8

WAJP to print sum of squares of all odd numbers from 1 to 100.

$1^2 + 3^2 + 5^2 + \dots \dots \text{upto } 100$

While Loop based Programming

Q9

WAJP to print sum of cubes of all odd numbers from 1 to 100.

$1^3 + 3^3 + 5^3 + \dots \dots \text{upto } 100$

While Loop based Programming

Q10

WAJP to print the sum of below series:

$1 * 2 + 2 * 3 + 3 * 4 \dots \dots \text{upto } 100$

While Loop based Programming

Q11

WAJP to print the sum of below series:

$1 * 2^2 + 2 * 3^2 + 3 * 4^2 \dots \dots \text{upto } 100$

While Loop based Programming

Q12

WAJP to print the sum of below series:

$1^2 * 2 + 2^2 * 3 + 3^2 * 4 \dots \dots \text{upto } 100$

While Loop based Programming

Q13

WAJP to print the sum of below series:

$$\frac{1}{1} + \frac{1}{2} + \frac{1}{3} + \frac{1}{4} \dots \dots \text{upto } 100$$

While Loop based Programming

Q14

WAJP to print the sum of below series:

$$\frac{1}{2} + \frac{1}{4} + \frac{1}{6} + \frac{1}{8} \dots \dots \text{upto } 100$$

While Loop based Programming

Q15

WAJP to print the sum of below series:

$$\frac{1}{1} + \frac{1}{3} + \frac{1}{5} + \frac{1}{7} \dots \dots \text{upto } 100$$

While Loop based Programming

Q16

WAJP to print the sum of below series:

$$\frac{1}{1^2} + \frac{1}{2^2} + \frac{1}{3^2} + \frac{1}{4^2} \dots \dots \text{upto } 100$$

While Loop based Programming

Q17

WAJP to print the sum of below series:

$$\frac{1}{1^3} + \frac{1}{2^3} + \frac{1}{3^3} + \frac{1}{4^3} \dots \dots \text{upto } 100$$

While Loop based Programming

Q18

WAJP to print the sum of below series:

$$\frac{1}{1 * 2} + \frac{1}{2 * 3} + \frac{1}{3 * 4} + \frac{1}{4 * 5} \dots \dots \text{upto } 100$$

While Loop based Programming

Q19

WAJP to accept a input from user and print factorial of that number.

i/p: 6

o/p: $6! = 720$

**Important
Don't leave it...!!**

While Loop based Programming

Q20

**WAJP to accept two numbers from user
and print power of a to b.**

i/p: 6 3

o/p: 6 to power 3 is: 216

**Important
Don't leave it...!!**