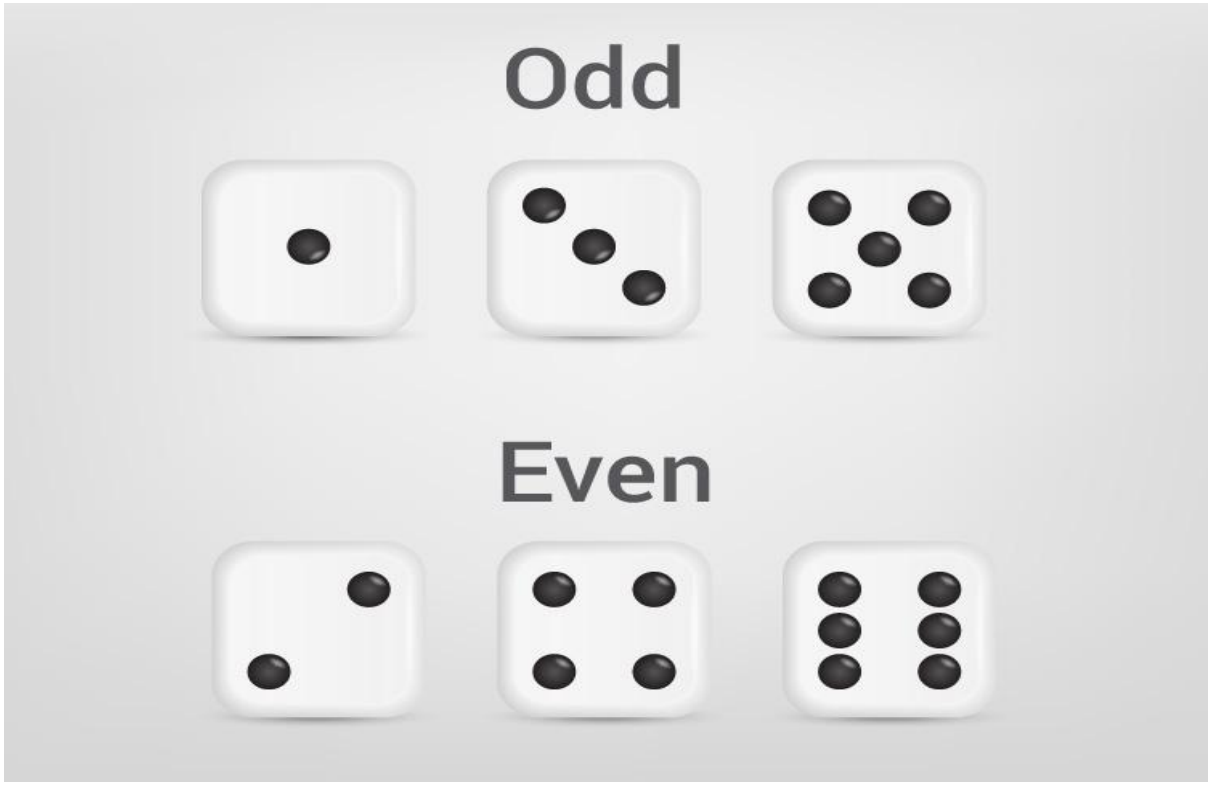
1.C Program to Check Whether a Number is Even or Odd

2.Program to Check Odd or Even Using Conditional Operator



1 Program to Check Vowel or consonant (or operator) vc1

2 Program to Check Vowel or consonant (while loop) vc2

Program to Find the Largest Number Among Three Numbers

1.Using only if ----------vc4

2.using only if...else----------vc5

3.nested if...else----------vc6

Program to Generate Multiplication Table

Multiplication Table Up to 10 ----------vc7

Multiplication Table Up to a range (entered by the user) ---------vc8

Program to Calculate the Sum of Natural Numbers

Sum of Natural Numbers Using for Loop ----------vc10

Sum of Natural Numbers Using while Loop----------vc11

Program to Read Input Until User Enters a Positive Integer------vc12

Factorial of a Number----vc13

GCD Using for loop and if Statement—c14

GCD Using while loop and if...else Statement---c15

GCD for both positive and negative numbers-----c16

LCM using while Loop and if Statement—c17

LCM Calculation by Finding GCD-c18

C Program to Reverse a Number----c19

C Program to Check Whether a Number is Palindrome or Not---c20

Program to Display Prime Numbers Between Two Intervals----c21

Display Prime Numbers Between Two Intervals When Larger Number is Entered first----c22

Check Armstrong Number of three digits---c23

Check Armstrong Number of n digits---c24

Programming Code To Create Pyramid and Pattern

Program to print half pyramid using *---p1

```
*

* *

* * *

* * * *

* * * * *
```

Program to print half pyramid a using numbers—p2

```
1

1 2

1 2 3

1 2 3 4

1 2 3 4 5
```

Program to print half pyramid using alphabets—p3

```
A

B B

C CC

D DDD

E EEEE
```

Inverted half pyramid using *--p4

```
* * * * *

* * * *

* * *

* *

*
```

Inverted half pyramid using numbers----p5

```
1 2 3 4 5

1 2 3 4

1 2 3
```

```
1 2

1
```

Program to print full pyramid using *----p6

```
        *

      * * *

    * * * * *

  * * * * * * *

* * * * * * * * *
```

Program to print pyramid using numbers---p7

```
        1

      2 3 2

    3 4 5 4 3

  4 5 6 7 6 5 4

5 6 7 8 9 8 7 6 5
```

Inverted full pyramid using *------p8

```
* * * * * * * * *

  * * * * * * *

    * * * * *
```

```
      * * *

        *
```

Print Pascal's triangle---p9

```
           1

         1   1

       1   2   1

     1   3   3    1

1  4    6   4   1

1  5   10   10  5   1
```

Print Floyd's Triangle.---p10

```
1

2 3

4 5 6

7 8 9 10
```