

DAY-16

19 June 2023 13:06

CONTINUES OF CONTROL STATEMENTS

If-else

- WRITE A JAVA PROGRAM TO FIND THE GIVEN NUMBER IS EVEN OR NOT

```
class Test1
{
    public static void main(String[] args)
    {
        int num = 12;

        if (num%2 == 0)
        {
            System.out.println("The given number is even");
        }
        else
        {
            System.out.println("The given number is odd");
        }
    }
}
```

Else-if

```
class Test1
{
    public static void main(String[] args)
    {
        int a = 100;
        int b = 200;

        if (a>b)
        {
            System.out.println("a is greater than b");
        }

        else if (b>a)
        {
            System.out.println("b is greater than a");
        }
    }
}
```

```

        else
        {
            System.out.println("Both numbers are same");
        }

    }
}

```

FOR LOOP

1. WRITE A PROGRAM TO PRINT THE VALUE FROM 100-200 USING FOR LOOP

```

class Test1
{
    public static void main(String[] args)
    {
        for (int i = 100; i<=200; i++)
        {
            System.out.println(i);
        }
    }
}

```

2. WRITE A PROGRAM TO PRINT THE VALUE FROM -5 TO 5 USING FOR LOOP

```

class Test1
{
    public static void main(String[] args)
    {
        for (int i = 100; i<=200; i++)
        {
            System.out.println(i);
        }
    }
}

```

3. WRITE A PROGRAM TO PRINT THE EVEN NUMBERS USING FOR LOOP RANGING 0-100

```

class Test1
{
    public static void main(String[] args)
    {
        System.out.println("Even numbers : ");
        for (int i = 0; i<=100; i++)

```

```

        {
            if (i%2 == 0)
            {
                System.out.println(i);
            }
        }
    }
}

```

4. WRITE A PROGRAM TO PRINT THE EVEN OR ODD NUMBER USING FOR LOOPING FROM RANGE 1-10

```

class Test1
{
    public static void main(String[] args)
    {
        System.out.println("Even numbers : ");
        for (int i = 0; i<=100; i++)
        {
            if (i%2 == 0)
            {
                System.out.println(i);
            }
        }

        System.out.println("ODD numbers : ");
        for (int i = 0; i<=100; i++)
        {
            if (i%2 != 0)
            {
                System.out.println(i);
            }
        }
    }
}

```

5. WRITE A PROGRAM TO PRINT MULTIPLY OF 5 (5, 10, 15, 20) USING BY FOR LOOP (1-100)

```

class Test1
{
    public static void main(String[] args)
    {
        for (int i = 1; i<=100; i++)
        {
            if (i%5 == 0)
            {
                System.out.println(i);
            }
        }
    }
}

```

```

    }

}

```

6. WRITE A PROGRAM TO PRINT THE VALUE WHICH IS DIVISIBLE BY 3 FROM THE RANGE OF 100-200

```

class Test1
{
    public static void main(String[] args)
    {

        for (int i = 100; i<=200; i++)
        {
            if (i%3 == 0)
            {
                System.out.println(i);
            }
        }

    }
}

```

6. WRITE A PROGRAM TO PRINT THE ALPHABETS FROM a-z USING FOR LOOP

```

class Test1
{
    public static void main(String[] args)
    {

        for (char ch = 'a'; ch<='z'; ch++)
        {

            System.out.print(ch+" ");

        }

    }
}

```

