

```
// Online Java Compiler
```

```
// Use this editor to write, compile and run your Java code online
```

```
/*
```

```
    Loops :
```

```
        For, While, do..while
```

```
*/
```

```
class Main {
```

```
    public static void main(String[] args) {
```

```
        for(int i = 1; i <= 10; i++){
```

```
            System.out.println(i);
```

```
        }
```

```
    }
```

```
}
```

// Online Java Compiler

// Use this editor to write, compile and run your Java code online

/*

Loops :

For, While, do..while

*/

class Main {

public static void main(String[] args) {

for(int i = 1; i <= 10; i++){

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

}

}

}

```
// Online Java Compiler
```

```
// Use this editor to write, compile and run your Java code online
```

```
/*
```

```
    Loops :
```

```
        For, While, do..while
```

```
*/
```

```
class Main {
```

```
    public static void main(String[] args) {
```

```
        System.out.println(11 + 12); // 23
```

```
        System.out.println(11 + 11 + 11); // 33
```

```
        System.out.println("ans : " + 11 + 11 + 11);
```

```
        System.out.println("ans : " + (11 + 11 + 11));
```

```
        System.out.println(11 + 11 + 11 + " Ans ");
```

```
    }
```

```
}
```

// Online Java Compiler

// Use this editor to write, compile and run your Java code online

/*

print table

*/

import java.util.Scanner;

class Main {

public static void main(String[] args) {

int ip;

Scanner sc = new Scanner(System.in);

System.out.println("Enter any Number : ");

ip = sc.nextInt();

for(int i = 1; i <=10; i++){

System.out.println(ip + " * " + i + " = "+ (ip * i));

}

}

}

```
// Online Java Compiler
```

```
// Use this editor to write, compile and run your Java code online
```

```
/*
```

```
    Nested Loops
```

```
    *****
```

```
    *****
```

```
    *****
```

```
    *****
```

```
    *****
```

```
*/
```

```
import java.util.Scanner;
```

```
class Main {
```

```
    public static void main(String[] args) {
```

```
        // outer
```

```
        for(int r = 1; r <= 5; r++){
```

```
            // inner
```

```
            for(int c = 1; c <= 5; c++){
```

```
                System.out.print("*");
```

```
            }
```

```
            System.out.println("");
```

```
        }
```

```
    }
```

```
}
```

```
// Online Java Compiler
```

```
// Use this editor to write, compile and run your Java code online
```

```
/*
```

```
    Nested Loops
```

```
    *
```

```
    **
```

```
    ***
```

```
    ****
```

```
    *****
```

```
*/
```

```
import java.util.Scanner;
```

```
class Main {
```

```
    public static void main(String[] args) {
```

```
        // outer
```

```
        for(int r = 1; r <= 5; r++){
```

```
            // inner
```

```
            for(int c = 1; c <= r; c++){
```

```
                System.out.print("*");
```

```
            }
```

```
            System.out.println("");
```

```
        }
```

```
    }
```

```
}
```

```
// Online Java Compiler
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```
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```
/*
```

```
    Nested Loops
```

```
    1
```

```
    12
```

```
    123
```

```
    1234
```

```
    12345
```

```
*/
```

```
import java.util.Scanner;
```

```
class Main {
```

```
    public static void main(String[] args) {
```

```
        // outer
```

```
        for(int r = 1; r <= 5; r++){
```

```
            // inner
```

```
            for(int c = 1; c <= r; c++){
```

```
                System.out.print(c);
```

```
            }
```

```
            System.out.println("");
```

```
        }
```

```
    }
```

```
}
```

```
// Online Java Compiler
```

```
// Use this editor to write, compile and run your Java code online
```

```
/*
```

```
    Nested Loops
```

```
    1
```

```
    22
```

```
    333
```

```
    4444
```

```
    55555
```

```
*/
```

```
import java.util.Scanner;
```

```
class Main {
```

```
    public static void main(String[] args) {
```

```
        // outer
```

```
        for(int r = 1; r <= 5; r++){
```

```
            // inner
```

```
            for(int c = 1; c <= r; c++){
```

```
                System.out.print(r);
```

```
            }
```

```
            System.out.println("");
```

```
        }
```

```
    }
```

```
}
```



```
// Online Java Compiler
```

```
// Use this editor to write, compile and run your Java code online
```

```
/*
```

```
    Nested Loops
```

```
        1
```

```
      12
```

```
    123
```

```
  1234
```

```
12345
```

```
*/
```

```
import java.util.Scanner;
```

```
class Main {
```

```
    public static void main(String[] args) {
```

```
        // outer
```

```
        for(int r = 1; r <= 5; r++){
```

```
            // inner
```

```
            for(int s = 4; s >= r; s--){
```

```
                System.out.print(" ");
```

```
            }
```

```
            for(int c = 1; c <= r; c++){
```

```
                System.out.print(r);
```

```
            }
```

```
            System.out.println("");
```

```
        }
```

```
    }
```

```
}
```

```
// Online Java Compiler
```

```
// Use this editor to write, compile and run your Java code online
```

```
/*
```

```
    Nested Loops
```

```
        1
```

```
      1 2
```

```
    1 2 3
```

```
  1 2 3 4
```

```
1 2 3 4 5
```

```
*/
```

```
import java.util.Scanner;
```

```
class Main {
```

```
    public static void main(String[] args) {
```

```
        // outer
```

```
        for(int r = 1; r <= 5; r++){
```

```
            // inner
```

```
            for(int s = 4; s >= r; s--){
```

```
                System.out.print(" ");
```

```
            }
```

```
            for(int c = 1; c <= r; c++){
```

```
                System.out.print(" "+c);
```

```
            }
```

```
            System.out.println("");
```

```
        }
```

```
    }
```

```
}
```

```
// Online Java Compiler
// Use this editor to write, compile and run your Java code online
```

```
/*
```

```
    Nested Loops
```

```
    1
```

```
    123
```

```
    12345
```

```
    1234567
```

```
    123456789
```

```
*/
```

```
import java.util.Scanner;
```

```
class Main {
```

```
    public static void main(String[] args) {
```

```
        // outer
```

```
        for(int r = 1; r <= 5; r++){
```

```
            // inner
```

```
            for(int c = 1; c < r*2; c++){
```

```
                System.out.print(c);
```

```
            }
```

```
            System.out.println("");
```

```
        }
```

```
    }
```

```
}
```

```
// Online Java Compiler
```

```
// Use this editor to write, compile and run your Java code online
```

```
/*
```

```
while loop
```

```
*/
```

```
import java.util.Scanner;
```

```
class Main {
```

```
    public static void main(String[] args) {
```

```
        int i = 1;
```

```
        while(i <= 10){
```

```
            System.out.print(" "+i);
```

```
            i++;
```

```
        }
```

```
    }
```

```
}
```

```
// Online Java Compiler
// Use this editor to write, compile and run your Java code online
```

```
/*
    count how many digits in entered number
```

Ex. 54856 = 5

```
*/
```

```
import java.util.Scanner;
```

```
class Main {
```

```
    public static void main(String[] args) {
```

```
        Scanner sc = new Scanner(System.in);
```

```
        int ip, ans = 0;
```

```
        System.out.println("Enter any number : ");
```

```
        ip = sc.nextInt();
```

```
        while(ip > 0){
```

```
            ans++;
```

```
            ip = ip / 10;
```

```
        }
```

```
        System.out.println(ans);
```

```
    }
```

```
}
```

```
// Online Java Compiler
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```

```
/*
    count sum of digits in entered number
```

Ex. 54856 = 28

```
*/
import java.util.Scanner;

class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int ip, ans = 0;

        System.out.println("Enter any number : ");
        ip = sc.nextInt();

        while(ip > 0){
            ans += ip % 10;
            ip = ip / 10;
        }

        System.out.println(ans);
    }
}
```

```
// Online Java Compiler
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```

```
/*
Reverse the enetered number
Ex. 12587 = 78521
*/
import java.util.Scanner;

class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int ip, ans = 0;

        System.out.println("Enter any number : ");
        ip = sc.nextInt();

        while(ip > 0){
            ans *= 10;
            ans += ip % 10;
            ip = ip / 10;
        }

        System.out.println(ans);
    }
}
```