When we do [7.10] of any no., we will get last

Add Last Digits

```
Scanner s = new Scanner(System.in);
int first = s.nextInt();
int second = s.nextInt();
int x = first % 10;
int y = second % 10;
int sum = x + y;
System.out.println(sum);
```

first
$$3413$$

Sum 324
 $x = 4139010$
 $x = 3249.10$
 $y = 3249.10$

Sum $= 344 = 1$

Comparison er Relational operators > > greater Han L 3 less than >= > greate them ighel to <= > less than equal to == > equals to 1= > not equals to

= (condition)? "true" ondition (alse De = 10 String and = [22 100)? "Yes": "No";

70 7100: char s'T', F' 1807100 Scanner s = new Scanner(System.in); The start. int x = s.nextInt(); String ans = (x > 100) ? "True" : "False"; System.out.println(ans);

XYZW

```
Scanner s =
int x;
int y;
int z;
int w;

int m1 = x*y;
int m2 = z*w;

String ans = (m1 == m2)? "true" : "False";
Syso(ans);
```

Even or not

```
Scanner s =
    int x;

String ans = (x % 2 == 0) ? "True" : "False";
Syso(ans);
```

Adult or not 1

Sum is less than 150 or not.

```
Scanner s =
   int x, y z;
int sum = x+y+z;
String ans = (sum < 150)? "true" : "False";
Syso(ans);</pre>
```

```
Scanner s = new Scanner(System.in);
int age = s.nextInt();

String ans = (age >=18)? "Adult" : "Below age";
System.out.println(ans);
```

y-else °y (condition)? 11 statement 3 else { 1 Statement
3

> need write condition in else > else is optional, me can skip Eg. of (marks > 33)

Pars else fail

Shop Discount

```
Scanner s = new Scanner(System.in);
int units = s.nextInt();

int totalCost = units * 100;

if(totalCost > 1000){
    int discount = totalCost / 10;
    int finalCost = totalCost - discount;
    System.out.println(finalCost);
}
else{
    System.out.println(totalCost);
}
```

```
1000 = 1000 TC > 1000) No
```

y - else ladder if (conditions) } /statement else if (condition)? 11 statement else if (condition) { 11 Statement Else d 11 Statement 3

Grade the student 1

```
Scanner s = new Scanner(System.in);
int marks = s.nextInt();

if(marks > 90){
    System.out.println("excellent");
}
else if(marks > 80){
    System.out.println("good");
}
else if(marks > 70){
    System.out.println("fair");
}
else if(marks > 60){
    System.out.println("meets expectations");
}
else if(marks > 40){
    System.out.println("below par");
}
else{
    System.out.println("failed");
}
```

Print Bonus

```
Scanner s =
int salary;
int years;

int bonus = 0;
if(years > 5){
   bonus = (salary*5) / 100;
   Syso(bonus);
}
else{
   Syso(bonus);
}
```

AND (LL)

NOT L!)

$$\frac{S1S2S3}{S1SS3}$$

$$\frac{S1S2S11}{F}$$