→ if - eln

- 1. You are given as input marks of a student.
- 2. Display an appropriate message based on the following rules:
 - ✓ 2.1 for marks above 90, print excellent.
- 2.2 for marks above 80 and less than equal to 90, print good.
 2.3 for marks above 70 and less than equal to 80, print fair.
 - 2.4 for marks above 60 and less than equal to 70, print meets expectations.
 - 2.5 for marks less than equal to 60, print below par.

Note -> Only change the code in area after - // code here

morbs => 90

```
int marks = scn.nextInt();

if(marks > 90){
    System.out.println("excellent");
}

if(marks > 80 && marks <= 90){
    System.out.println("good");
}

if(marks > 70 && marks <= 80){
    System.out.println("fair");
}

if(marks > 60 && marks <= 70){
    System.out.println("meets expectations");
}

if(marks < 60){
    System.out.println("below par");
}</pre>
```

mosts :) 90

good

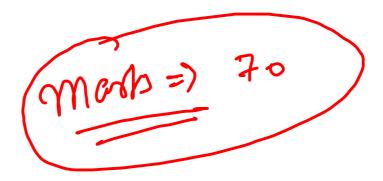
Slighty

```
int marks = scn.nextInt();
if(marks > 90){
    System.out.println("excellent");
}else
if(marks > 80 && marks <= 90){
    System.out.println("good");
}else
if(marks > 70 && marks <= 80){
    System.out.println("fair");
}else
if(marks > 60 && marks <= 70){
    System.out.println("meets expectations");
}else
if(marks < 60){
    System.out.println("below par");
```

```
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{
    System.out.println("below par");
}
```

- Display an appropriate message based on the following rules:
 - 2.1 for marks above 90, print excellent.
- 2.2 for marks above 80 and less than equal to 90, print good.
- 2.3 for marks above 70 and less than equal to 80, print fair.
- 2.4 for marks above 60 and less than equal to 70, print meets expectations.
 - 2.5 for marks less than equal to 60, print below par.

Note -> Only change the code in area after - // code here



m 790 F

mortes LEGS



Input

3 numbers a b C

Input 7 (o

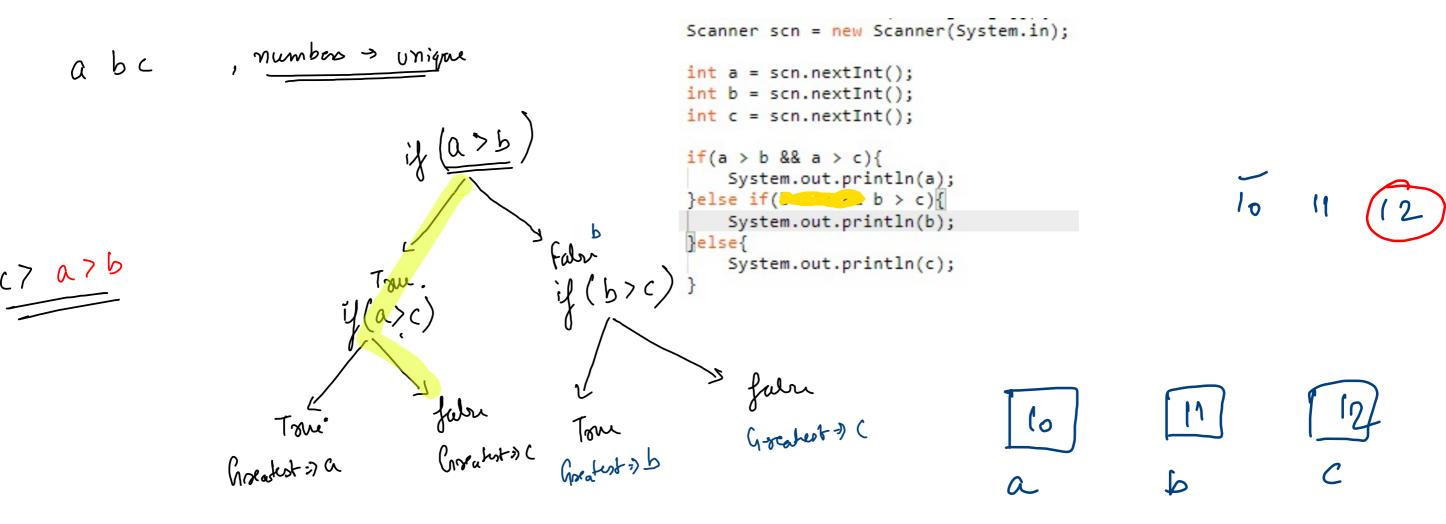
O wpw

greatest number

Output =)

him T afb afc
bfc

Super Ouper



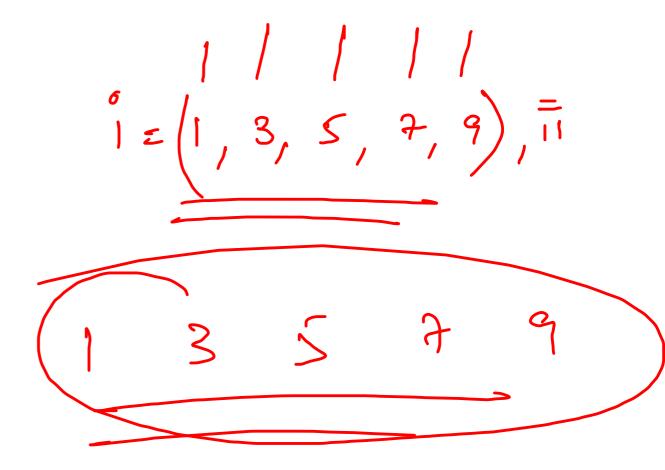
```
if(a > b){
   // a is larger than b
    if(a > c){
        // a is larger than b as well as larger than c
        System.out.println(a);
    }else{
        // a is larger than b but c is larger than a , c > a > b
        System.out.println(c);
}else{
   // b is larger than a
    if(b > c){
        // b is larger than a as well larger than c
        System.out.println(b);
    }else{
        // b is larger than a but c is larger than b , c > b > a
        System.out.println(c);
```

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for (Stashingth; enditylimit; Steps) { 1=p22845 onc/dec staps mohit = System.out.println("mohit"); mshit ~

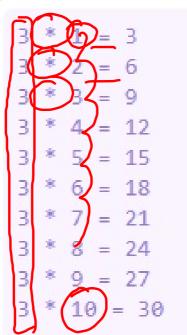
```
for(int i = 0; i < 10); i = i * 2){
    System.out.println(i);
}
```

```
for(int i = 1 ; i <= 10 ; i = i + 2){
    System.out.println(i);
}</pre>
```



```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);

int n = scn.nextInt(); // 
for(int i = 1 ; i <= 10 ; i = i + 1){
    int ans = n * i;
    System.out.println(n+" * "+i+" = "+ans);
}</pre>
```



any

Input

Ty n = 10

30 = 1+2+3+4+5+6+2+8+9+

Output Sum (1 -> n)

nun -- 2

" Hollo" +(num)

```
Scanner scn = new Scanner(System.in);
 int n = scn.nextInt();
int sum = 0;
for(int i = 1; i <= n); i++){
    sum = sum + i;</pre>
 System.out.println(sum);
                                                Sum: 0+1+2+3+4+5
 public static void main(String[] args) {
     Scanner scn = new Scanner(System.in);
     int n = scn.nextInt();
     int sum = 0;
     for(int i = 1; i <= n; i = i + 1){
         sum = sum + i;
     System.out.println(sum);
```

Prime Num $\frac{2}{3}$, $\frac{3}{5}$, $\frac{5}{7}$, $\frac{7}{11}$, $\frac{13}{13}$, $\frac{14}{19}$, $\frac{19}{23}$, $\frac{23}{11}$, $\frac{1}{19}$, $\frac{23}{19}$, $\frac{1}{19}$, $\frac{1}$

No 4 brime

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

// write ur code here
int num = scn.nextInt();

int flag = 1; // 1 -> prime
for(int i = 2; i <= (num-1); i++){
    if(num % i == 0){
        // number is not prime
        flag = 0; // 0 -> not prime
    }
}

if(flag == 1){
    System.out.println("prime");
}else{
    System.out.println("not prime");
```



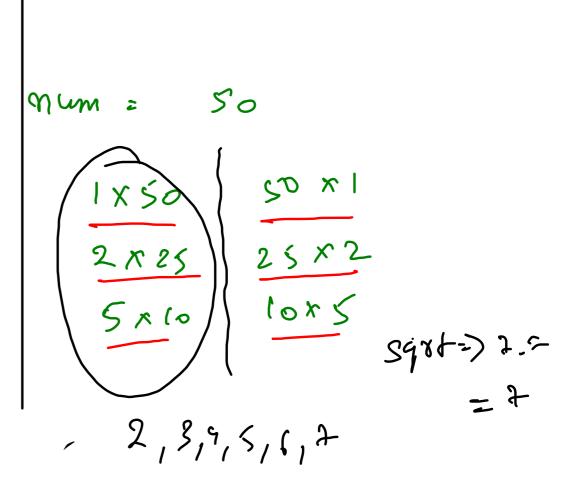
$$i = 2$$
, (3) , 4 , 5 , 6 , 7 , 8 , 9 , 10 , 11 , 12 , 13 ,



```
// write ur code here
int num = scn.nextInt();

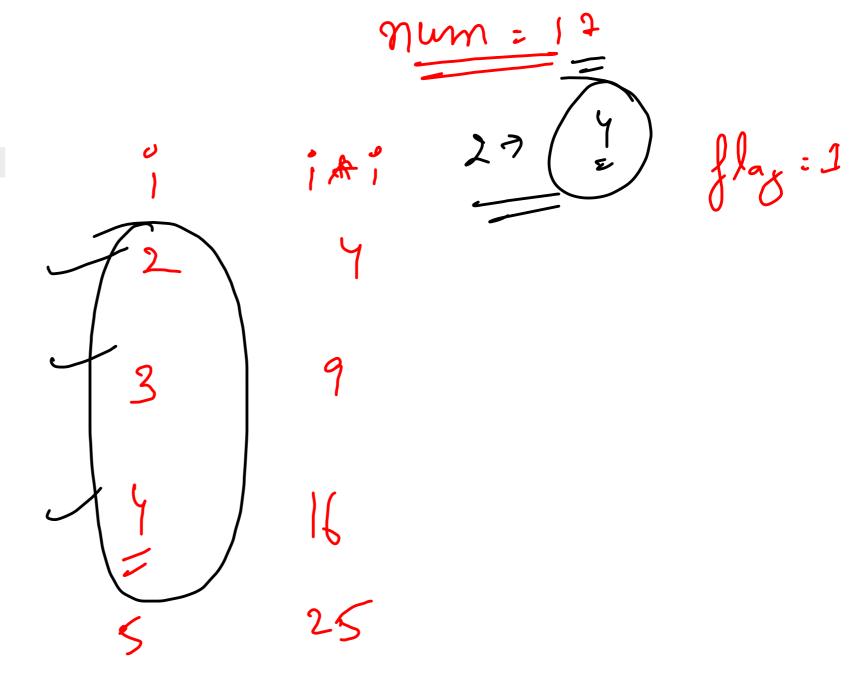
int flag = 1; // 1 -> prime
for(int i = 2; i <= (num-1); i++){
    if(num % i == 0){
        // number is not prime
        flag = 0; // 0 -> not prime
        break;
    }

if(flag == 1){
    System.out.println("prime");
}else{
    System.out.println("not.prime");
}
```



4 = N 4 = N/2 29 2, 3, 7,5 for (= 2 ; i <= In ; i++) { > 59xt(m)

```
// write ur code here
int num = scn.nextInt();
int flag = 1; // 1 -> prime
for(int i = 2; i*i <= num; i++){
    if(num % i == 0){
     // number is not prime
     flag = 0; // 0 -> not prime
     break;
if(flag == 1){
 System.out.println("prime");
}else{
 System.out.println("not prime");
```



Example

Sample Input

```
5 2
13
2
3
4
5
```

Sample Output

```
prime
prime
prime
not prime
prime
```

num - poine / not poine





Poin

```
import java.util.*;
 public class Main{
 public static void main(String[] args) {
      Scanner scn = new Scanner(System.in);
      // write ur code here
      int num = scn.nextInt();
      int flag = 1; // 1 -> prime
     for(int i = 2; i*i <= num; i++){
         if(num % i == 0){
           // number is not prime
           flag = 0; // 0 -> not prime
           break;
      }
      if(flag == 1){
       System.out.println("prime");
      }else{
        System.out.println("not prime");
  }
```

thims grow sheck