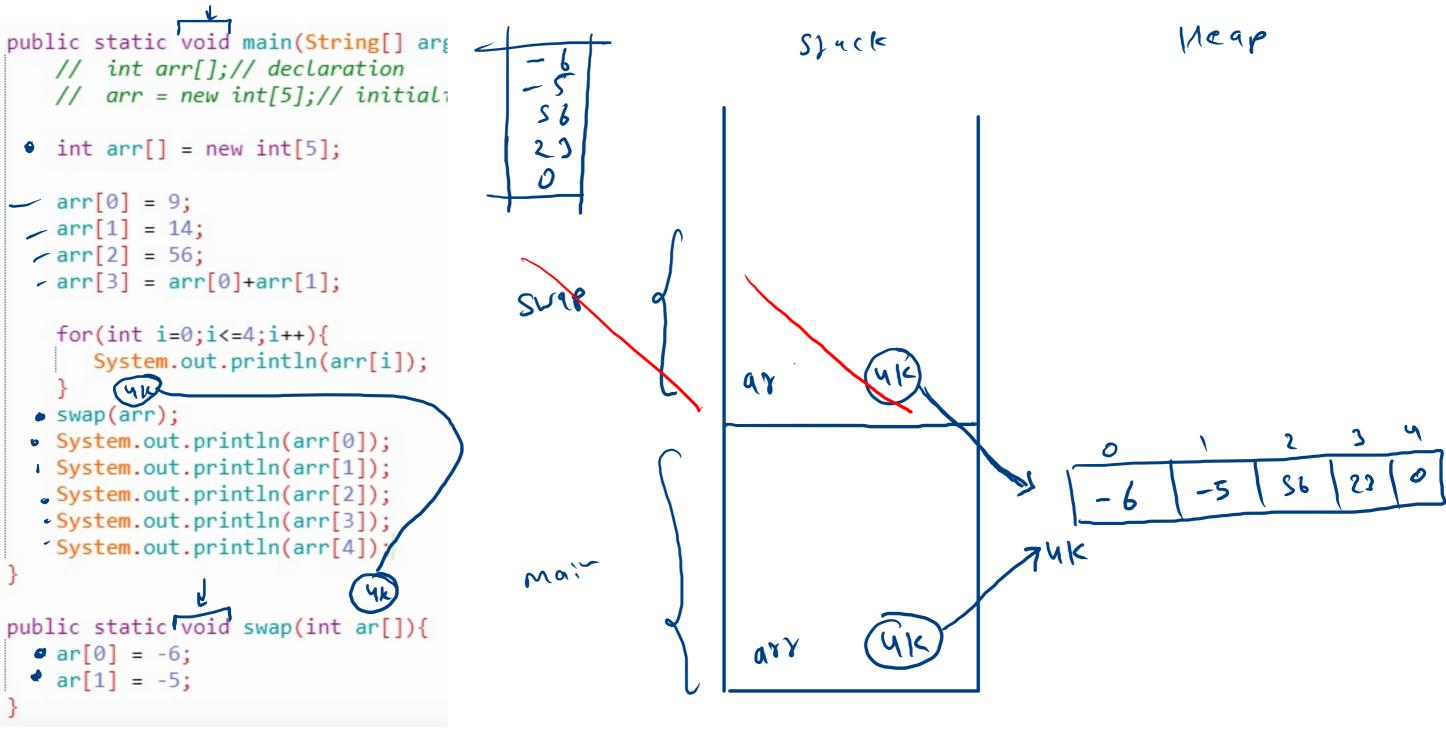
```
public static void main(String[] args) {
  ● int n=10;
    int r=4;
              100 to
 int nf = fact(n);
 o int rf = 1 fact(r);
  • int nmrf = (fact(n-r); 10 - 4 ≈ 6
  System.out.println(nf/(rf*nmrf));
public static int fact(int x){
  • int f = 1;
   for(int i=1;i<=x;i++){</pre>
        f = f*i;
    return f
                            24
                                                               Slack
```

Mcap

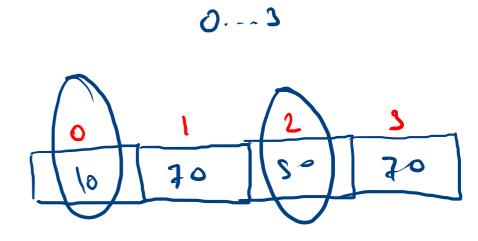


int marks 1 = 10Marks 2 = 80Marks 3 = 75

int marks[] = hew int[4];

marks[] = 20

int y = marks[0] + marks[2];



```
Circo size
                                          4 67
public static void main(String[] args) {
   // int arr[];// declaration
   // arr = new int[5];// initialization
 int arr[] = new int[5];
 arr[0] = 9;
   arr[1] = 14;
   arr[2] = 56;
   arr[3] = arr[0] + arr[1];
  for(int i=0;i<=4;i++){
                                         9
      System.out.println(arr[i]);
                                         14
                                         51
   // System.out.println(arr[0]);
   // System.out.println(arr[1]);
                                         23
   // System.out.println(arr[2]);
   // System.out.println(arr[3]);
                                         0
   // System.out.println(arr[4]);
```

Stack Meap 6141 **\$56** \$23 arr

h = 6

15 32 40 4 11 5

Span = max ~ mih 40 - 4

create aris

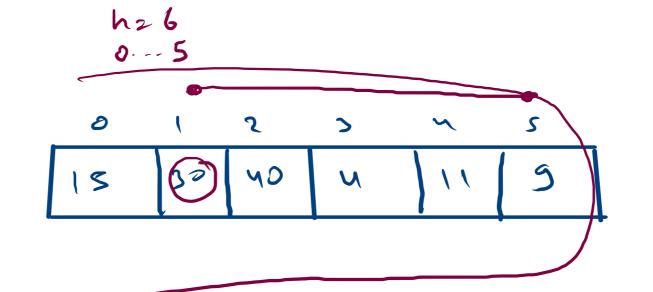
purinty in arras

civil max, min

span = max-min

prim (span);

h = S 0.\_ 4



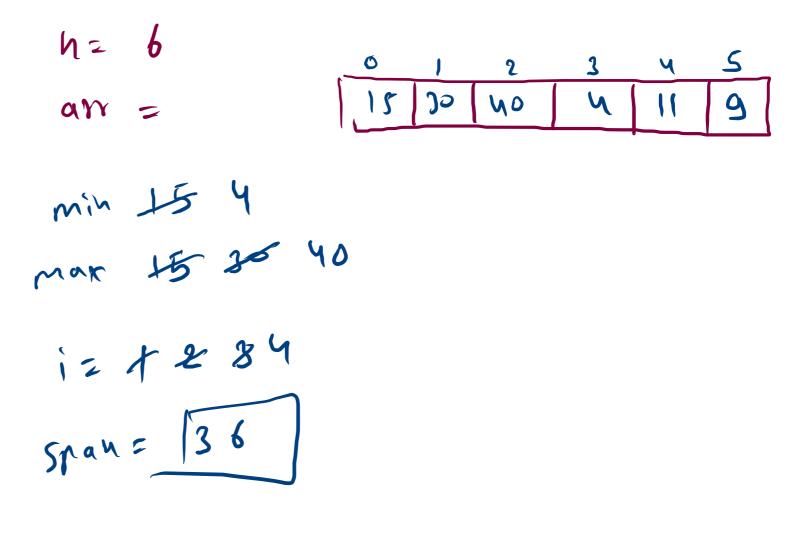
max 15 30 40
mih 15 4

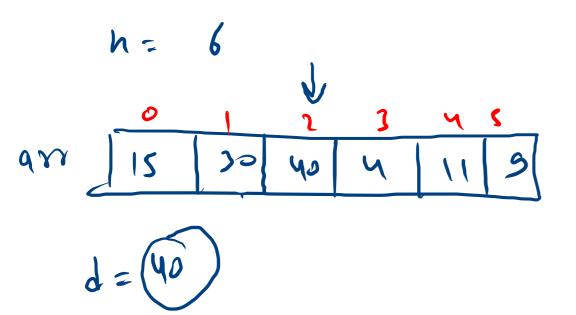
 $m_{1} = arr[0]$   $m_{1} = arr[0]$  log(inli=1;ikm;i+m)

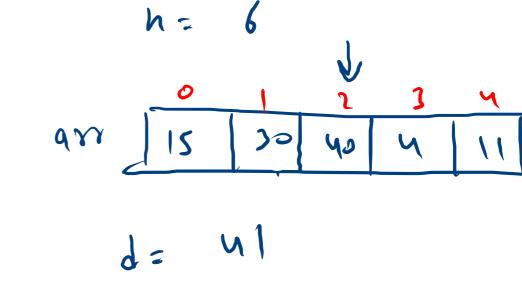
1...(h-j)

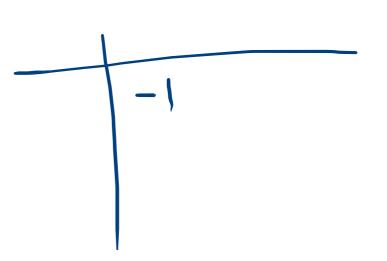
```
int n = scn.nextInt();
int arr[] = new int[n];
// 0....(n-1)
for(int i=0;i<n;i++){</pre>
     arr[i] = scn.nextInt();
int min = arr[0];
int max = arr[0];
for(int i=1;i<n;i++){</pre>
     if(arr[i] > max){ 4 > 40
         max = arr[i];
     min = arr[i];
            40- 4
o int span = max-min;
 System.out.println(span);
```

6 15 30 40 4 11 9









15 30 40 4 11 9

inder=1

d=(40)

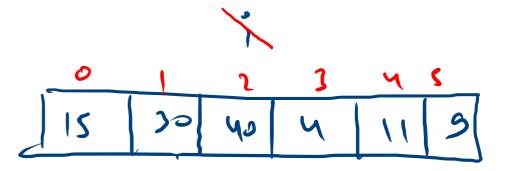
d= 45

index 2 / 2

inder: (-1)

```
Scanner scn = new Scanner(System.
 int n = scn.nextInt();
 int arr[] = new int[n];
 for(int i=0;i<n;i++){
     arr[i] = scn.nextInt();
 int d = scn.nextInt();
●int index=-1;
 for(int i=0;i<n;i++){
     if(arr[i] == d){ 40 == 40

✓ index = i;
       ♣ break;
System.out.println(index);
```



d = 40
in Jex = 7 2



7 5 Max = 3

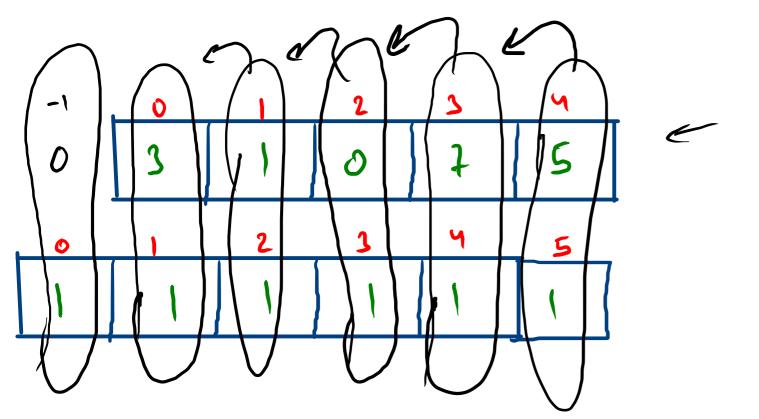
for ( h=max; h>=1;h-)

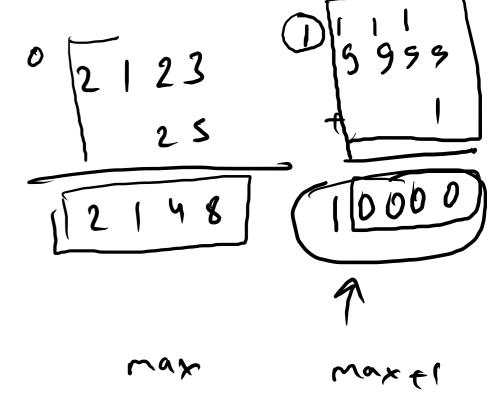
h > arx[i] h <= a18(i) cint " wax ? ele mu (\* /t) Wintln ()

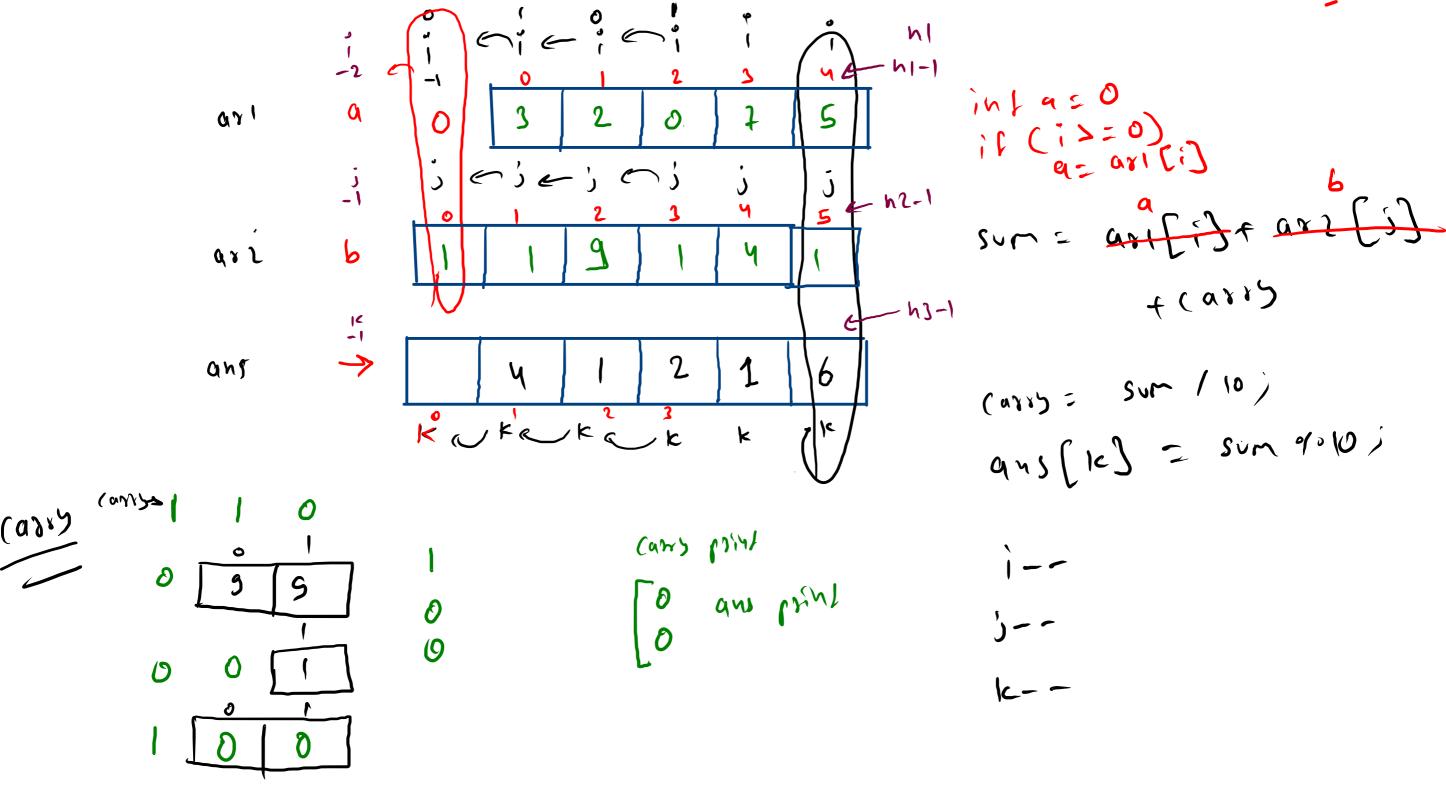
INT

(10 digit

h2 = 6







				1		_	
		)	2	3	Ч	5	
	1	Þ	<b>*</b>	ø		✿	
	2			*		<b>*</b>	
<u>ئ</u>	3	<b>\$</b>		<b>\$</b>	夕	A	
	4	<b>#</b>		\$			
	5	#		<b>A</b>	<b>\$</b>	<b>*</b>	
	h=	. 5					
	4/	1241					

	)	2	3	ч	5	6	7
T'	<b>\$</b>	∌	<b>*</b>	A			<b>♠</b>
2				48			<b>*</b>
3	<i></i>			<del>                                     </del>	<b>A</b>	A	<b>★</b>
4	<b>S</b>	**	•	A			
5	<b>\$</b>			<b>A</b>			
6	P			<b>*</b>			
7	❖			<b>A</b>	<b>#</b>	<b>*</b>	Ø
			4	<u></u>		= 4 11	

4=3 5 Ч 3 **\$ A** 2 48 3 P ♣ A 5 **P D \$** 7

i== 1 88 j < mid

i== 1 88 j < mid

i== n 88 j > mid

i== n 88 j > mid

i== 1 88 i > mid

else "It"