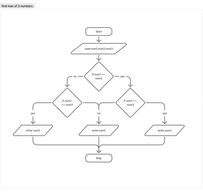
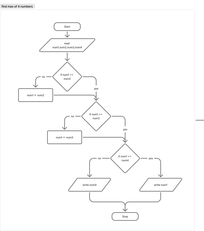
find max of 3 numbers:




```
import java.util.Scanner;
public class Main {
    public static void main(String[] args)
    {
        Scanner Input = new Scanner(System.in);
        int num1, num2, num3;
        int max;
        num1 = Input.nextInt();
        num2 = Input.nextInt();
        num3 = Input.nextInt();
        if (num1 >= num2) {
            if (num1 >= num3)
            {
                max = num1;
            }
            else
            {
                max = num3;
            }
        }
        else
        {
            if (num2 >= num3)
            {
                max = num2;
            }
            else
            {
                max = num3;
            }
        }
        System.out.println(max);
    }
}
```

find max of 4 numbers:

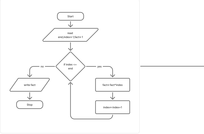



```
import java.util.Scanner;
public class Main {
    public static void main(String[] args)
    {
        Scanner Input = new Scanner(System.in);
        int num1, num2, num3, num4;
        int temp;
        num1 = Input.nextInt();
        num2 = Input.nextInt();
        num3 = Input.nextInt();
        num4 = Input.nextInt();
        if (num1 >= num2)
        {
            temp=num1;
            num1=num2;
            num2=temp;
        }
        if (num1 >= num3)
        {
            temp=num1;
            num1=num3;
            num3=temp;
        }
        if (num1 >= num4)
        {
            temp=num1;
            num1=num4;
            num4=temp;
        }
        System.out.println(num1);
    }
}
```

sum of first n numbers:

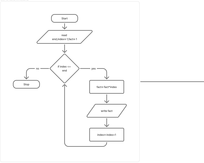
```
import java.util.Scanner;
public class Main {
    public static void main(String[] args)
    {
        Scanner Input = new Scanner(System.in);
        int sum, num1, n;
        sum = Input.nextInt();
        num1 = Input.nextInt();
        n = Input.nextInt();
        while(sum<=n)
        {
            sum += num1;
            num1 += 1;
        }
        System.out.println(sum);
    }
}
```

factorial of n:




```
import java.util.Scanner;
public class Main {
    public static void main(String[] args)
    {
        Scanner Input = new Scanner(System.in);
        int num1, num2, fact,n;
        num = Input.nextInt();
        fact = Input.nextInt();
        n = Input.nextInt();
        while(num1<=n)
        {
            fact *= num1;
            num1 += 1;
        }
        System.out.println(fact);
    }
}
```

5 2 3 4 6 1...n-1:

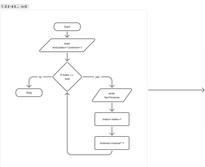



```
import java.util.Scanner;
public class Main {
    public static void main(String[] args)
    {
        Scanner Input = new Scanner(System.in);
        int num1, num2, fact,n;
        num = Input.nextInt();
        fact = Input.nextInt();
        n = Input.nextInt();
        while(num1<=n)
        {
            fact *= num1;
            num1 += 1;
            System.out.print(fact + " ");
            num1 += 1;
        }
        System.out.print(fact);
    }
}
```

5 10 15 20 25... n-5:

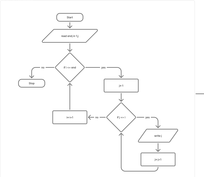
```
import java.util.Scanner;
public class Main {
    public static void main(String[] args)
    {
        Scanner Input = new Scanner(System.in);
        int num1, num2, fact,n;
        num = Input.nextInt();
        n = Input.nextInt();
        while(num1<=n)
        {
            System.out.print(num1 + " ");
            fact = fact+num1;
            num1 = fact+num1;
        }
        Input.close();
    }
}
```

1 2 3 4 5 6...n-1:




```
import java.util.Scanner;
public class Main {
    public static void main(String[] args)
    {
        Scanner Input = new Scanner(System.in);
        int num1, num2, fact,n;
        num = Input.nextInt();
        n = Input.nextInt();
        while(num1<=n)
        {
            System.out.print(num1+fact+ " ");
            fact = fact+num1+1;
            num1 = num1+1;
        }
        Input.close();
    }
}
```

1 12 123 1234...n-1:




```
import java.util.Scanner;
public class Main {
    public static void main(String[] args)
    {
        Scanner Input = new Scanner(System.in);
        int n, i;
        n = Input.nextInt();
        while(i<=n)
        {
            System.out.print(i);
            i = i+1;
        }
        Input.close();
    }
}
```

1 121 12321 1234567...n-1:

```
import java.util.Scanner;
public class Main {
    public static void main(String[] args)
    {
        Scanner Input = new Scanner(System.in);
        int n, i=1, j=i;
        n = Input.nextInt();
        while(i<=n)
        {
            while
            {
                System.out.print(j);
                j = j-1;
            }
            j= i;
            while(j>=2)
            {
                System.out.print(j);
                j = j-1;
            }
            System.out.println(" ");
            i = i+1;
        }
        Input.close();
    }
}
```

1 232 34543 4567890...n-1:

```
import java.util.Scanner;
public class Main {
    public static void main(String[] args)
    {
        Scanner Input = new Scanner(System.in);
        int n, i=1, j=i;
        n = Input.nextInt();
        while(i<=n)
        {
            while
            {
                System.out.print(j);
                j = j-1;
            }
            j= i;
            while(j>=1)
            {
                System.out.print(j);
                j = j-1;
            }
            j= i;
            while(j>=2)
            {
                System.out.print(j);
                j = j-1;
            }
            System.out.print(" ");
            i = i+1;
        }
        Input.close();
    }
}
```

1 1 1