GOOD MORNING EVERYONE

We will start @ 10:10 am

Q- How to take user input ?

Q- Comment

User input in Java

int a

$\rightarrow$ _Scanner_
　　　$\rightarrow$ user input in Java.

$\rightarrow$ help us to take user input

$\big[$ **Scanner** scn = **new Scanner (System.in);** $\big]$

　　$\downarrow$　　　$\downarrow$　　　　　$\downarrow$
　Scanner　variable　　　format
　class　　name

Integer input

capital
$\downarrow$
$\boxed{\text{int } a}$ = scn . nextInt();

String

java.util.*
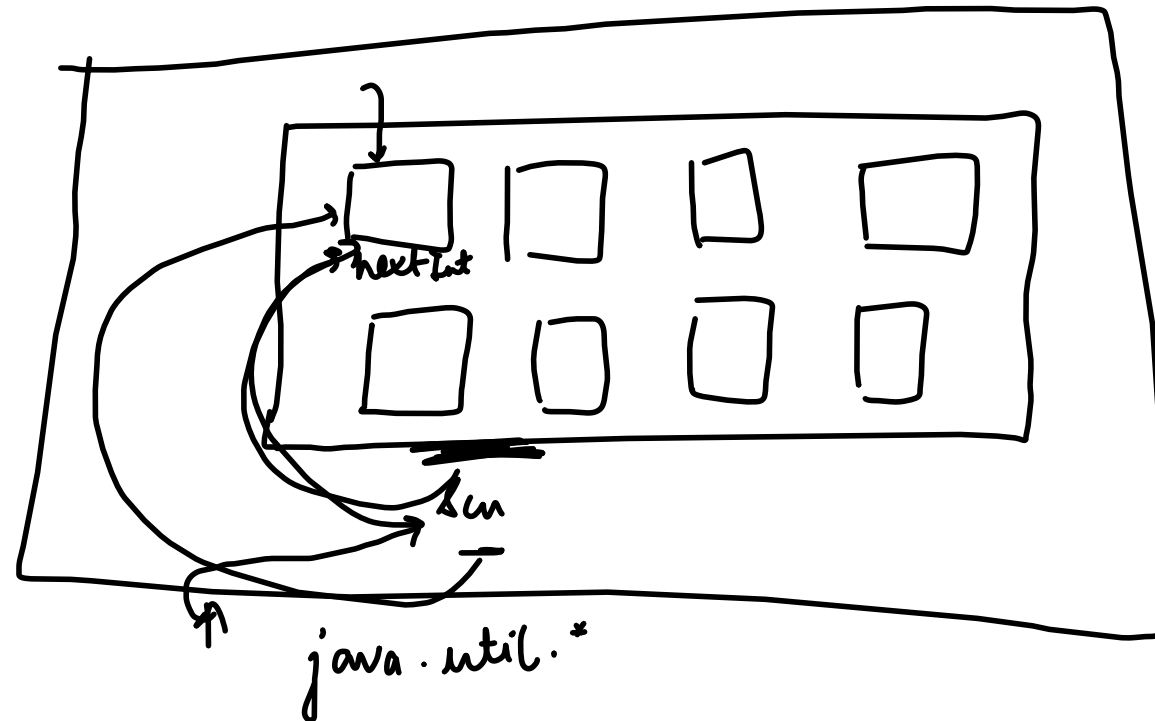
My name is Abc →

String input

↳ String str = scn.next(); ← → [My]

↳ String str = scn.nextLine(); ← [My name is Abc]

Note:- scn.next () → stop taking I/P when it get whitespace

scn.nextline() → store complete i/p present in a line.

Character input   (single character)

before Java 9
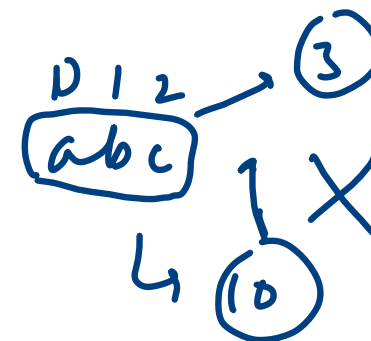   ↦ ~~scn.nextCharacter~~

char ch = [scn.next() . charAt(0);
                      │   │
                      ↓   ↓
                    String   take character of the
                                zeroth position

D 1 2 → ③
[a b c]   ✗
    ↳ ⑩

Boot Camp
0 1 2 3 4 5 6 7
                  ↑

char ch = scn.nextLine() . charAt(0),
                  │   │
                  ↓   ↓
                String   character of
                            zeroth position.

Double

```
double d = scn.nextDouble();
```

Boolean → true / false

```
boolean b = scn.nextBoolean();
```

⌐ Q-1) WAP to convert C to F → 4 mins
                         ↓
                     user input

F = ((C × 9/5) + 32)   11:25 am.

⌐ Q-2   WAP to calculate average of 5 subjects   → 6 mins

    m1, m2, m3, m4, m5 → user input

    ⌐ Return the average marks → (m1 + m2 + m3 + m4 + m5)/5;

⌐ Q-3   WAP to calculate S.I.   → 5 mins.
              ⌐ P, R, T → user input

        ⌐ Return SI → (P × R × T)/100;