

Q7. store age as data. calculate the user's age in 2040.  
Ex: (20) 2040?

age = 20

year = 2040

20  $\xrightarrow{18}$  38

2022  $\rightarrow$  2040 ?

Print statement:

$\rightarrow$  i) show message to the user

ii) Input:

System.out.println("message")  
 $\downarrow$  input

① Permission for input:

i) `import java.util.*;`  
ii) `Scanner sc = new Scanner(System.in);`  
 $\downarrow$  variable

i/p: input

o/p: output

For taking i/p of different datatype, we have to follow different syntax.

i) To take int i/p: `int age = sc.nextInt();`

ii) To take String i/p: `String name = sc.nextLine();`

Q. Take name, age and year as i/p from the user. Print age of user in that year.

Ex: name: Random  
age: 10  
year: 2055.

O/p: Hey Random, your age will be 43 in the year 2055.