Agenda: 1. While loop	
2. do_while loo)
3. Scanner cla	
while loop:	do while loop:
Syntax:	Syntax;
	_
initialization	initialization
while (condition)	do
2	5
do this 1/	to this;
John's /	do this; incomment (decrement;
increment/decvement;	3 while (condition);
Boarding & Flight	Boarding a bus
ey: 11213,415	
int i=1; i=X78486	int i=1; i=1/34 \$ 6
while (i<=5)	• / / • /
00:1	do
Supla (i);	i++; 3
itt;] while (12=5); 5

for (int i=1; i<==; i++)

$$\begin{cases}
2 & \text{soph}(i); \\
3 & \text{olp: 10}
\end{cases}$$

Suph(i);

 $\begin{cases}
i++; \\
3 & \text{while}(i < = 5);
\end{cases}$

Guess the output:

1. int i=72% while (12 80)

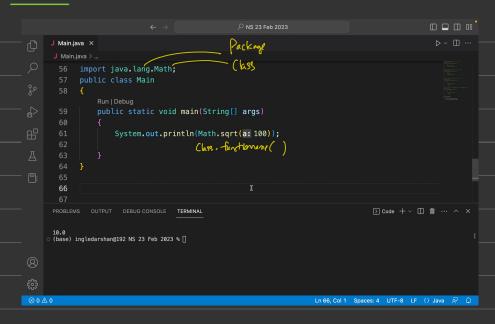
Supla(1);

i= i+2;

i--;
} while(i==4);

4 for(int i=5; i>=4; i--) { Supla(1).

Math:



```
Stanner Class! It is used to take ilp from the user.
```

```
class Main

{ psym(String args [])

{ | Create an object of Scanner class

| Scanner se = new Scanner (System.in);

object allocate

name memory

object from the external

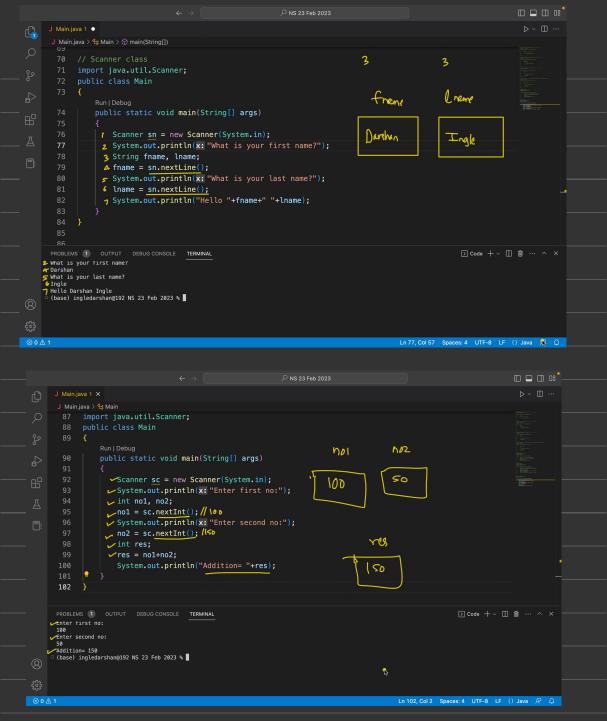
object se' device like KBD

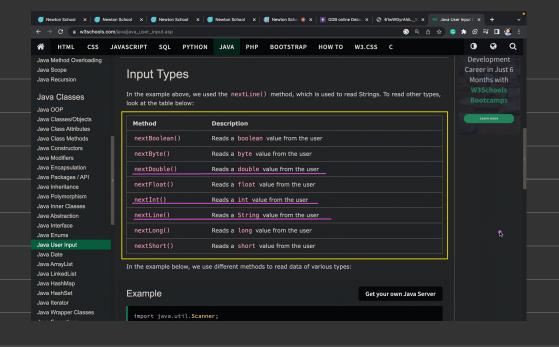
Sopla("What is your game?");
```

```
String s;

s = sc. next Line (); || accept ilp from kBD

Sopln("Hello", s);
```





Take Home:

1. Will to find area of circle & its perimeter.

Accept radius from user.

100 value of PI from Math class.

2 WAP to a cliept two nos a lb of print even ros in the range Actif a l b from the usures if a=2 l b=11 10/p: 2/4/6/8/10

1: If a=2 lb=10, 0/p: 2/4/6/8/10

1: If a=500, b=1000, 0/p: 560/502/504/----996/998/1000