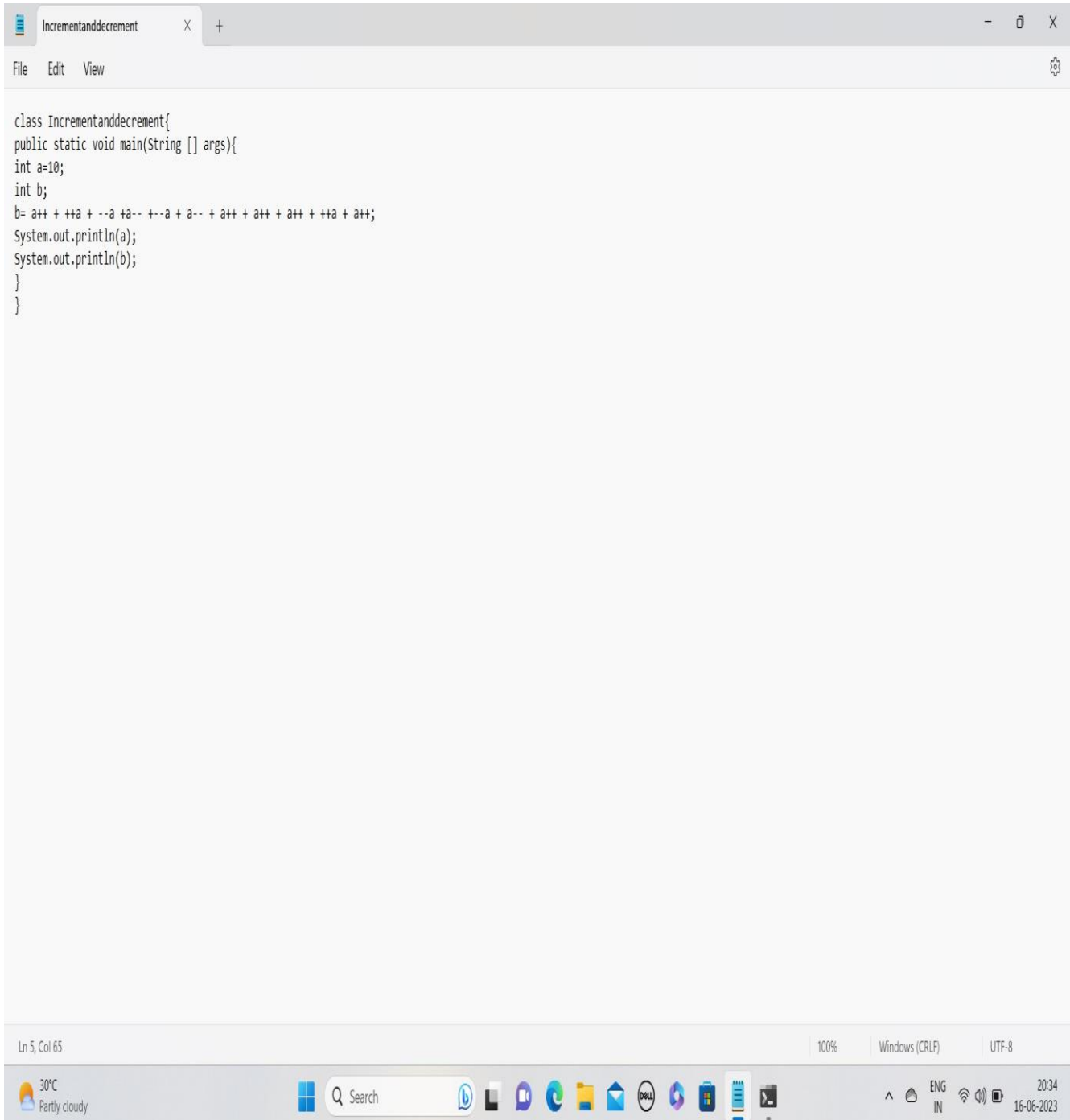


Assignment-2

Increment and Decrement Operator



```
class Incrementanddecrement{
public static void main(String [] args){
int a=10;
int b;
b= a++ + ++a + --a +a-- +--a + a-- + a++ + a++ + a++ + ++a + a++;
System.out.println(a);
System.out.println(b);
}
}
```

Ln 5, Col 65 100% Windows (CRLF) UTF-8

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Q:- $a = 10;$

$b = a++ + ++a + --a + a-- + --a + a-- + a++$

$+ a++ + a++ + ++a + a++;$

`System.out.println (a);`

`System.out.println (b);`

Solution:-

$a = 10;$

$b = \begin{matrix} 10 & + & 12 & + & 11 & + & 11 & + & 9 & + & 9 \\ a++ & + & ++a & + & --a & + & a-- & + & --a & + & a-- & + \\ 8 & + & 9 & + & 10 & + & 12 & + & 12 \\ a++ & + & a++ & + & a++ & + & ++a & + & a++ \end{matrix}$

$a = 10 \quad 11 \quad 12 \quad 11 \quad 10 \quad 9 \quad 8 \quad 9 \quad 10 \quad 11 \quad 12 \quad 13$

Output:-

$\therefore a = 13$

$b = 113$

```
Command Prompt
Microsoft Windows [Version 10.0.22621.1702]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Ganapa.Sathish>cd june 2023

C:\Users\Ganapa.Sathish\June 2023>javac Incrementanddecrement.java

C:\Users\Ganapa.Sathish\June 2023>java Incrementanddecrement
13
113

C:\Users\Ganapa.Sathish\June 2023>
```

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