


Coding or Programming

Machine language \rightarrow 0 ors 1s

High level language \rightarrow Java


easy
&
convenient

IDE \Rightarrow Integrated Development
Environment

\Rightarrow Online IDE {reetcode}

Archit Aggarwal

Salesforce \rightarrow SDE

Slack

3 batches

LinkedIn

DTU

Competitive Programming

```
public class Main {  
    public static void main(String[] args) {  
        System.out.print("Hello World");  
    }  
}
```

```
System.out.print("Geekster");  
System.out.println("FS 11 A");  
System.out.print("PreCourse");
```

Geekster FS 11 A
PreCourse

```
System.out.println(10 + 20);  
System.out.println(10 - 20);  
System.out.println(10 * 20);  
System.out.println(10 / 20);
```

→ integer additⁿ = 30
→ integer subtractⁿ = -10
→ integer multiplicatⁿ = 200

→ integer division = $\frac{10}{20} = \lfloor 0.5 \rfloor = 0$
↑
floor division

```
System.out.println(10 + 20);  
System.out.println(10 - 20);  
System.out.println(10 * 20);
```

```
System.out.println(10 / 20);  
System.out.println(30 / 20);  
System.out.println(40 / 20);  
System.out.println(10 / 3);
```

```
System.out.println(10.0 / 20);  
System.out.println(10 / 3.0);  
System.out.println(40.0 / 20.0);
```

float division

Ans

0.5

3.33

2.0

```
System.out.println("10 + 20");  
System.out.println("10" + "20");
```

→ 10 + 20
→ 10 20
Concatenate
(joining)

```
System.out.println(10 + 20 + "Archit" + 10 + 20);
```

added
conco

10 + 20
= "30" + "Archit"

= "30Archit" + "10"
= "30Archit10" + "20"
= "30Archit1020"

```
public class Main {  
    public static void main(String[] args) {
```

```
    *   *   *   *   *  
        *  
            *  
                *  
                    *  
                        *  
                            *
```

```
System.out.println("*****");  
System.out.println("    *");  
System.out.println("  *");  
System.out.println(" *");  
System.out.println("*****");
```