

ISTE DATA SCIENCE SMP18

ASSIGNMENT 2

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- 1. Pros :** A High-Level language. It has good code readability i.e we can easily read and understand the code. It's one of the highly used languages today, in various fields of computer science. It requires very less time to develop compared to other languages like c/c++ .
Cons : It is slower than other languages, because it uses interpreter unlike compiler, therefore takes more time to execute each code line by line. But compiler does it altogether and then checks for errors if any.
- 2.** Exponentiation operator (******) for example $2^{**}3$ is 8 .
- 3.** Floor division operator (**//**) ; Also called a integer division.
Example: $5/2$ is 2.5 but $5//2$ is 2
The former one is floating point division and later is floor division i.e In floor division it results the largest integer less than or equal to value.
 $5.0//2$ is 2.0 because it applies floor function to the resulted value.