

## [Section - 4]

Question ④ Write python program to reverse given string "Ind" "INDIA". Define the lambda Expression in details.

Answer:- Program to reverse string "INDIA"

```
String = "INDIA"  
Print (str [s::-1])
```

②② Lambda Expression :-

In python anonymous function mean that a function is without a name. As we already know def keyword is user to finding the normal function and the lambda keyword is used to create anonymous function. It has the following ~~set~~ syntax.

## Lambda arguments: expression:-

- ① This function can have any number of arguments but only one expression, which is evaluated and returned.
- ② One is free to use lambda function whenever function objects are required.
- ③ It has various uses in particular fields of programming besides other type of expressions.

\* Example:- `lambda x: print(x)`  
`lambda x, y: x+y`

## Creating a lambda function

Example:-

Argument List `X, y: X+y`

↑ Lambda

: represents beginning of the function

Expression

lambda keyword represent an anonymous function is being created