

PYTHON IN 10 VIDEOS

Assignment - 4

1. A lambda function that adds 10 to the number passed in as an argument, and print the result:

2. Add Two Lists Using map and lambda

```
list1= [1,2,3,4,5]
```

```
List2 = [11,12,13,14,15]
```

3. Define a function that takes a list of mixed data types (integers, strings, and floats) and returns three lists: one containing all the integers, one containing all the strings, and one containing all the floats. Test with different inputs.

4. Define a function that returns another function. The returned function should take an integer and return its square. Test the returned function with different inputs.

5. Filter the array, and return a new array with only the values equal to or above 18:

```
ages = [5, 12, 17, 18, 24, 32]
```

6. Define a function that takes two arguments, a and b, where b is a dictionary with a default value of an empty dictionary. The function should add a new key-value pair to the dictionary and return it. Test the function with different inputs.