Convert temperature in celsius to Fahrenheit using map() and lambda functions

```
In [1]: celsius=[49.2,26.5,47.3,47.8]
        Fahrenheit=list(map(lambda x: (9.0)/5*x + 32, celsius))
        print(Fahrenheit)
```

```
[120.56, 79.7, 117.14, 118.03999999999999]
```

The function "echo_name" takes 2 parameters: a string value, "name1"and an integer value, "echo_int". It returns a string that is a concatenation of "echo_int" copies of "name1".

```
In [2]: echo_name=(lambda name1,echo_int:name1*echo_int)
        result=echo_name('acadgild',5)
        print(result)
```

```
acadgildacadgildacadgildacadgildacadgild
```

print the letters that are vowels using filter and lambda functions sample_string = "Welcome to AcadGild"

```
In [3]: str1 = "123@Welc34ometo12@ac#adGild"

        result = ''.join(i for i in str1 if i.isalpha())
        print(result)
```

```
WelcometoacadGild
```

Implement a function longestword() that takes a list of words and returns the longest one

In [4]:
```python
word=['January','February','March','April','May','June','July']
def longestword(arg_word):

    max_len=len(max(word,key=len))

    return [ x for x in arg_word if len(x)==max_len]
print(longestword(word))
```

['February']

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