

Week 8: Exercise Solutions

Exercise 8.1.

```
>>> print("Roughly, pi is {0:.2f} and e is {1:.2f}").  
...     format(math.pi, math.e)
```

Exercise 8.2.

- Add the following lines between lines 17 and 19.

```
for i in range(1, n+1):  
    print("{0:14.10f} {1:14.10f}".format  
          (a - 10**(-i), f(a - 10**(-i))))
```

- Add the following lines appropriately.

```
def f_3(x):  
    """Calculate the function  $(x^2 - 1)/(x - 1)$ ."""  
    return (x**2 - 1)/(x - 1)  
  
print("\nf(x) =  $(x^2 - 1)/(x - 1)$ ")  
limit_table(f_3, 1, 10)
```