Activity 1:

```
def remove_from(the_list, value):
    new_list = []
    try:
        found = False
        for element in the_list:
            if element != value:
                new_list.append(element)
            else:
                found = True

        if found == False:
            raise ValueError("value to
remove was not found in the_list")
        return new_list
    except ValueError:
        print("ValueError detected!")
        return the_list
```

Activity 2:

```
def test():
    x = [1, 3, 5, 7, 9, 11, 13]
    assert 1 not in remove_from(x, 1), "remove_from failed to remove correct value"
    assert 13 not in remove_from(x, 13), "remove_from failed to remove correct value"
    assert 2 not in remove_from(x, 2), "remove_from failed to remove correct value"
    x = [2]
    assert 2 not in remove_from(x, 2), "remove_from failed to remove correct value"
```

Activity 3:

```
TESTING = 32

# Good ways to import
import powers

# Python processes the file sequentially, top to bottom

def cube(test):
    return test*test

def main():
    print(powers.square(3))
    print(powers.cube(2))

    print(f"\nmain() local namespace:{locals()} \n")
    print(f"global namespace:{globals()} \n")
if __name__ == "__main__":
    main()
```