

Task 1

```
def printFirst(mystring, x):  
    print(mystring[:x])  
  
# expected output: WGU  
  
printFirst('WGU College of IT', 3)  
  
# expected output: WGU College  
  
printFirst('WGU College of IT', 11)
```

Task 2

```
def getLast(mystring, x):  
    return mystring[-x:]  
  
# expected output: IT  
  
print(getLast('WGU College of IT', 2))  
  
# expected output: College of IT  
  
print(getLast('WGU College of IT', 13))
```

Task 3

```
def containsWGU(mystring):  
    return "WGU" in mystring  
  
# expected output: True  
  
print(containsWGU('WGU College of IT'))  
  
# expected output: False  
  
print(containsWGU('Night Owls Rock'))
```

Task 4

```
def printWords(mystring):  
    print(mystring.split(" "))#split for whitespace  
  
# expected output: ['WGU', 'College', 'of', 'IT']  
  
printWords('WGU College of IT')  
  
# expected output: ['Night', 'Owls', 'Rock']  
  
printWords('Night Owls Rock')
```

Task 5

```
def combineWords(words):
```

```
# Student code goes here

    return " ".join(words)#join method with whitespace

# expected output: WGU College of IT

print(combineWords(['WGU', 'College', 'of', 'IT']))

# expected output: Night Owls Rock

print(combineWords(['Night', 'Owls', 'Rock']))
```

```
Task 6
def replaceWGU(mystring):
    print(mystring.replace("WGU","Western Governors University"))

# expected output: Western Governors University Rocks

replaceWGU('WGU Rocks')

# expected output: Hello, Western Governors University

replaceWGU('Hello, WGU')
```

```
Task 7
def removeWGU(mystring):
    string=mystring.split(" ")
    if string[0]=="WGU":
        return mystring
    else:
        return mystring.replace("WGU","")

# expected output: WGU Rocks

print(removeWGU('WGU Rocks'))

# expected output: Hello, John

print(removeWGU('Hello, WGUJohn'))
```

```
Task 8
def removeSpaces(string1, string2):
    return (string1.rstrip()+string2.lstrip())#rstrip for trailing whitespace and
    lstrip for leading whitespace

# expected output: WGU Rocks-You know it!

print(removeSpaces('WGU Rocks ', ' -You know it!'))

# expected output: Welcome WGU-IT Students

print(removeSpaces('Welcome WGU ', ' -IT Students'))
```

Task 9

```
def displayHourlyRate(rate):  
    print( round(rate,2))#using round function
```

expected output: \$34.79

```
displayHourlyRate(34.789123)
```

expected output: \$24.12

```
displayHourlyRate(24.123456)
```

Task 10

```
def countUpper(mystring):  
    count=0  
    for i in mystring:#for loop to loop all letter  
        if i.isupper():#use isupper to check if uppercase  
            count=count+1  
    return count
```

expected output: 4

```
print(countUpper('Welcome to WGU'))
```

expected output: 2

```
print(countUpper('Hello, Mary'))
```