```python
################## if statement #####################
print("################## if statement #####################")
a = 10
if a > 5:
    print("Bigger than 5")
print("done")

your_hobbies = ['sleeping', 'eating', 'singing', 'punching']
if 'sleeping' in your_hobbies:
    print("lazzy!")
elif 'eating' in your_hobbies:
    print('time to lose weight!')
else:
    print('great, I do not know what to say!')
print('done')

attendance_rate = 10
exam_score = 80
if attendance_rate > 50 & exam_score >= 60 :
    print("passed!")
else:
    print("you let your big mother down!")
```

```python
################## for statement #####################
print("################## for statement #####################")
list_of_sports = ['tennis', 'basketball', 'football']
for sport in list_of_sports:
    print(sport)
print('done')

a_string = 'I like Tokyo!'
for x in a_string:
    print(x)
print('done')

user = {'name': 'alice',
        'age' : 30,
        'adress' : 'tokyo'}
for key in user:
    print(user[key])
print('done')
```

```python
43    ################## Break and Continue ######################
44    print("################## Break and Continue ######################")
45    colors = ['red', 'blue', 'green', 'yellow', 'white']
46    for color in colors:
47        if color == 'green':
48            break
49        print(color)
50    print('done')
51
52    for color in colors:
53        if color == 'green':
54            continue
55        print(color)
56    print('done')
```

```python
################## While loop ######################
print('################## While loop ######################')
x =1
while x < 5:
    print(x)
    x += 1
print('done')

################## else statement ######################
print("################## else statement ######################")
for i in ['red', 'blue', 'green']:
    if i == 'green':
        break
    print(i)
else:
    print('yellow')
```

```python
################## Python Fuctions #######################
def my_function():
    print("This is my function!")
my_function()
print('done')

def greeting(f_name, l_name):
    print("Hello", f_name, l_name)
first_name = 'Peter'
last_name = 'Parker'
greeting(first_name, last_name)

def greeting2(f_name, l_name):
    salute = "Hello " + f_name + ' ' + l_name
    return salute
message = greeting2(first_name, last_name)
print(message)

def sum_and_multiply (a,b):
    return a+b, a*b
print(sum_and_multiply(2,3))

def comic_listing (*titles):
    print(titles)
comic_listing("Dragon Ball")
comic_listing("Dragon Ball", "Naruto")

def greeting3(**full_name):
    print(full_name)
greeting3(A = 'A', B = 'B', C= 'C')
```

```
################### if statement ######################
Bigger than 5
done
lazzy!
done
you let your big mother down!
################### for statement ######################
tennis
basketball
football
done
I

l
i
k
e

T
o
k
y
o
!
done
alice
30
tokyo
done
################### Break and Continue ######################
red
blue
done
red
blue
yellow
white
done
################### While loop ######################
1
2
3
4
done
################### else statement ######################
red
blue
This is my function!
done
Hello Peter Parker
Hello Peter Parker
(5, 6)
('Dragon Ball',)
('Dragon Ball', 'Naruto')
{'A': 'A', 'B': 'B', 'C': 'C'}
PS D:\code\school>
```