```
# Code starts here

# Create the lists
class_1 = ['Geoffrey Hinton','Andrew Ng','Sebastian Raschka','Yoshua Bengio']

class_2 = ['Hilary Mason','Carla Gentry','Corinna Cortes']

# Concatenate both the strings
new_class = class_1 + class_2
print(new_class)

# Append the list
new_class.append('Peter Warden')
# Print updated list
print(new_class)

# Remove the element from the list
new_class.remove('Carla Gentry')
# Print the list

print(new_class)

# Create the Dictionary

courses = {'math':65,'English':70,'History':80,'French':70,'Science':60}

# Slice the dict and stores  the all subjects marks in variable
math = courses['math']
english = courses['English']
history = courses['History']
french = courses['French']
science = courses['Science']


# Store the all the subject in one variable `Total`
Total = math + english + history + french + science
# Print the total
print(Total)
# Insert percentage formula
percentage = (Total*100/500)
# Print the percentage
print(percentage)
```

```
# Create the Dictionary
mathematics = {'Geoffery Hinton':78, 'Andrew Ng':95, 'Sebastian Raschka':65,
'Yoshua Benjio':50, 'Hilary                Manson':70, 'Corina Cortes':66,
'Peter Warden':75}

topper = max(mathematics,key = mathematics.get)
print(topper)



# Given string
topper = 'andrew ng'

# Create variable first_name
first_name = (topper.split()[0])
print (first_name)
# Create variable Last_name and store last two element in the list
last_name = (topper.split()[1])
print (last_name)
# Concatenate the string
full_name = last_name + ' ' + first_name
# print the full_name
print (full_name)
# print the name in upper case
certificate_name = full_name.upper()

print (certificate_name)
# Code ends here
```