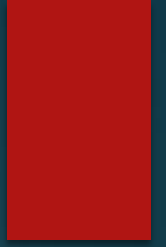


# 인공지능프로그래밍

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<https://github.com/ggorr/Machine-Learning/tree/master/Python>

# 13장. 입력과 출력



## 13.1. 사용자로부터 입력받기

```
def reverse(text):  
    return text[::-1]  
  
def is_palindrom(text):  
    return text == reverse(text)  
  
something = input('Enter text:')  
if is_palindrom(something):  
    print('It is a palindrom')  
else:  
    print('It is not a palindrom')
```

Enter text:12321  
It is a palindrom

## 13.2. 파일 입/출력

```
poem = '''\
Programming is fun
When the work is done
if you wanna make your work also fun:
    use Python!
'''

f = open('poem.txt', 'w')
f.write('--- Python ---\n')
f.write(poem)
f.close()

f = open('poem.txt', 'r')
while True:
    line = f.readline()
    if len(line) == 0:
        break
    print(line, end='')
f.close()
```

```
--- Python ---
Programming is fun
When the work is done
if you wanna make your work also fun:
    use Python!
```

```
poem = '''\
Programming is fun
When the work is done
if you wanna make your work also fun:
    use Python!
'''

with open('poem.txt', 'w') as f:
    f.write('--- Python ---\n')
    f.write(poem)

with open('poem.txt', 'r') as f:
    while True:
        line = f.readline()
        if len(line) == 0:
            break
        print(line, end='')

```