**11장 연습문제 정답**

**1.**

|  |
| --- |
| import csv  f = open('hospital\_2019.csv', 'r', encoding='utf-8')  lines = csv.reader(f)  header = next(lines)  print('번호 ', '치과병원명', header[3], header[6])  number = 1  for line in lines:  if line[1]=='치과병원' and line[2]== '전남' :  print('%d. ' % number, end='')  print(line[0], line[3], line[6], sep='/')  number += 1  f.close() |

**2.**

|  |
| --- |
| import csv  f = open('hospital\_2019.csv', 'r', encoding='utf-8')  lines = csv.reader(f)  header = next(lines)  count = 0  for line in lines:  if line[1]=='의원' and line[2]== '제주' and int(line[5])>=20160101 and int(line[5])<=20181231 :  count += 1  print('2016~2018년 3개년간 개원한 제주도의 의원 수 : %d개' % count)  f.close() |

**3.**

|  |
| --- |
| import csv  f = open('hospital\_2019.csv', 'r', encoding='utf-8')  lines = csv.reader(f)  header = next(lines)  for line in lines:  if ('안양' in line[3]) and ('청구빌딩' in line[3]) :  print('병원명 : %s' % line[0])  print('병원종류 : %s' % line[1])  print('주소 : %s' % line[3])  print('전화번호 : %s' % line[4])  print('-'\*60)  f.close() |

**4.**

|  |
| --- |
| import csv  f = open('hospital\_2019.csv', 'r', encoding='utf-8')  lines = csv.reader(f)  header = next(lines)  print('번호 ', '한의원명', header[4], header[6])  number = 1  for line in lines:  if line[1]=='한의원' and line[2]== '강원' and int(line[5])>20190101 :  print('%d. ' % number, end='')  print(line[0], line[4], line[6], sep='/')  number += 1  f.close() |

**5.**

|  |
| --- |
| import csv  f = open('hospital\_2019.csv', 'r', encoding='utf-8')  lines = csv.reader(f)  header = next(lines)  print('번호 ', '병원명', header[1], header[3], header[5])  number = 1  for line in lines:  if line[2]=='부산' and ('삼성' in line[0]) :  print('%d. ' % number, end='')  print(line[0], line[1], line[3], line[5], sep='/')  number += 1  f.close() |