

202121556 report

1. 추가

```
C:\Users\Wijjang\source\repo <--> + <--> X  
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1. 추가  
2. 삭제  
3. 검색  
4. 정렬  
5. 저장 및 출력  
6. 프로그램 종료  
-----  
메뉴를 선택하세요 : 1  
학번 입력 : 202121556  
학과 번호 입력 : 1  
학과 이름 입력 : security  
학년 입력 : 3  
이름 입력 : jihyeon  
생년월일 입력 : 2002-07-08
```

추가된 후 출력모습

```
C:\Users\Wijjang\source\repo <--> + <--> X  
-----  
2017483793 5 architecture 1 Jean 1996-09-23  
2017965655 5 architecture 2 Jefferson 1994-01-29  
2016746483 5 architecture 4 Revel 1997-07-24  
2018264247 3 design 1 Reverie 1997-06-26  
2015372207 4 chemical 1 Rhett 1995-01-06  
2016386994 3 design 2 Alexis 1998-06-08  
2016477156 5 architecture 4 Lauren 1994-08-17  
2017930276 3 design 4 Laurie 1996-09-02  
2017056348 3 design 2 Lavender 1999-08-12  
2016370972 5 architecture 1 Lawson 1998-07-25  
2017148185 5 architecture 2 Lea 1995-08-09  
2015248745 3 design 4 Ledger 1996-09-08  
2016927718 5 architecture 1 Calder 1998-10-20  
2015230431 4 chemical 4 Calico 1999-04-01  
2017137931 5 architecture 1 Dove 1994-06-06  
2017013958 4 chemical 4 Drake 1998-11-21  
2016077452 2 computer 2 Aldous 1996-12-30  
2016753490 5 architecture 1 Aldrich 1997-09-29  
2012751179 4 chemical 4 Tomy 1998-07-29  
202121556 1 security 3 jihyeon 2002-07-08  
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1. 추가  
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-----  
메뉴를 선택하세요 : |
```

2. 삭제

```
C:\Users\Wijang\source\repo > + - x  
2016477156 5 architecture 4 Lauren 1994-08-17  
2017930276 3 design 4 Laurie 1996-09-02  
2017056348 3 design 2 Lavender 1999-08-12  
2016370972 5 architecture 1 Lawson 1998-07-25  
2017148185 5 architecture 2 Lea 1995-08-09  
2015248745 3 design 4 Ledger 1996-09-08  
2016927718 5 architecture 1 Calder 1998-10-20  
2015230431 4 chemical 4 Calico 1999-04-01  
2017137931 5 architecture 1 Dove 1994-06-06  
2017013958 4 chemical 4 Drake 1998-11-21  
2016077452 2 computer 2 Aldous 1996-12-30  
2016753490 5 architecture 1 Aldrich 1997-09-29  
2012751179 4 chemical 4 Tomy 1998-07-29  
202121556 1 security 3 jihyeon 2002-07-08  
  
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메뉴를 선택하세요 : 2  
학번 입력 : 202121556  
학과 번호 입력 : 1  
학과 이름 입력 : security  
학년 입력 : 3  
이름 입력 : jihyeon  
생년 월 일 입력 : 2002-07-08
```

삭제된 후 출력 모습 – (security, 3학년 모두 삭제)

```
C:\Users\Wijang\source\repo > + - x  
2018079820 4 chemical 4 Pascoe 1995-12-20  
2016938718 3 design 2 Paterson 1995-02-17  
2016415945 2 computer 1 Patsy 1996-02-12  
2016850993 4 chemical 4 Marge 1999-02-07  
2017505603 3 design 1 Marilyn 1994-07-04  
2017011798 5 architecture 1 Marlee 1999-05-21  
2017798515 4 chemical 1 Marley 1997-09-03  
2017233995 4 chemical 4 Marlon 1999-08-21  
2016317424 5 architecture 4 Jaxon 1999-02-01  
2017483793 5 architecture 1 Jean 1996-09-23  
2017965655 5 architecture 2 Jefferson 1994-01-29  
2016746483 5 architecture 4 Revel 1997-07-24  
2018264247 3 design 1 Reverie 1997-06-26  
2015372207 4 chemical 1 Rhett 1995-01-06  
2016386994 3 design 2 Alexis 1998-06-08  
2016477156 5 architecture 4 Lauren 1994-08-17  
2017930276 3 design 4 Laurie 1996-09-02  
2017056348 3 design 2 Lavender 1999-08-12  
2016370972 5 architecture 1 Lawson 1998-07-25  
2017148185 5 architecture 2 Lea 1995-08-09  
2015248745 3 design 4 Ledger 1996-09-08  
2016927718 5 architecture 1 Calder 1998-10-20  
2015230431 4 chemical 4 Calico 1999-04-01  
2017137931 5 architecture 1 Dove 1994-06-06  
2017013958 4 chemical 4 Drake 1998-11-21  
2016077452 2 computer 2 Aldous 1996-12-30  
2016753490 5 architecture 1 Aldrich 1997-09-29  
2012751179 4 chemical 4 Tomy 1998-07-29  
  
-----
```

3. 검색

```
C:\Users\jang\source\repo <--> + ^ X  
2016520612 1 security 1 Alfie 1994-04-09  
2016477156 5 architecture 4 Lauren 1994-08-17  
2017930276 3 design 4 Laurie 1996-09-02  
2017056348 3 design 2 Lavender 1999-08-12  
2016370972 5 architecture 1 Lawson 1998-07-25  
2017148185 5 architecture 2 Lea 1995-08-09  
2015248745 3 design 4 Ledger 1996-09-08  
2016927718 5 architecture 1 Calder 1998-10-20  
2015230431 4 chemical 4 Calico 1999-04-01  
2017137931 5 architecture 1 Dove 1994-06-06  
2017013958 4 chemical 4 Drake 1998-11-21  
2016077452 2 computer 2 Aldous 1996-12-30  
2016753490 5 architecture 1 Aldrich 1997-09-29  
2012751179 4 chemical 4 Tomy 1998-07-29  
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1. 추가  
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6. 프로그램 종료  
-----  
메뉴를 선택하세요 : 3  
학번 입력 : 2017400856  
학과 번호 입력 : 1  
학과 이름 입력 : security  
학년 입력 : 1  
이름 입력 : Fleetwood  
생년 월 일 입력 : 1996-06-20|
```

검색 후 출력모습 – (security, 1학년 모두 검색)

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C:\Users\jang\source\repo <--> + ^ X  
4. 정렬  
5. 저장 및 출력  
6. 프로그램 종료  
-----  
메뉴를 선택하세요 : 3  
학번 입력 : 2017400856  
학과 번호 입력 : 1  
학과 이름 입력 : security  
학년 입력 : 1  
이름 입력 : Fleetwood  
생년 월 일 입력 : 1996-06-20  
2017068657 1 security 1 Lane 1997-12-14  
2015264816 1 security 1 Norvin 1996-12-29  
2017042401 1 security 1 Pascal 1996-09-29  
2015597473 1 security 1 Pat 1995-09-30  
2015241954 1 security 1 Oberon 1995-01-19  
2016638084 1 security 1 Olive 1997-06-06  
2015403429 1 security 1 Jeffrey 1995-03-03  
2015743527 1 security 1 Remington 1997-09-25  
2017400856 1 security 1 Fleetwood 1996-06-20  
2016520612 1 security 1 Alfie 1994-04-09  
-----  
1. 추가  
2. 삭제  
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5. 저장 및 출력  
6. 프로그램 종료  
-----  
메뉴를 선택하세요 : |
```

4. 정렬 – (학과이름 별로 정렬)

```
C:\Users\Wijjang\source\repo < + >
학과이름 별로 정렬되었습니다.
2017068657 1 security 1 Lane 1997-12-14
2017546733 1 security 3 Alden 1994-06-21
2016895233 1 security 3 Filmore 1994-01-06
2015936832 1 security 2 Fitzroy 1994-07-10
2016804982 1 security 4 Jarman 1997-03-23
2015264816 1 security 1 Norvin 1996-12-29
2017042401 1 security 1 Pascal 1996-09-29
2015597473 1 security 1 Pat 1995-09-30
2015241954 1 security 1 Oberon 1995-01-19
2015431340 1 security 2 Odele 1994-04-21
2017163542 1 security 3 Odell 1997-04-12
2016638084 1 security 1 Olive 1997-06-06
2016876488 1 security 3 Jayleen 1994-10-31
2017619196 1 security 4 Jazz 1995-06-18
2015403429 1 security 1 Jeffrey 1995-03-03
2015743527 1 security 1 Remington 1997-09-25
2016505796 1 security 3 Reynold 1997-10-11
2017400856 1 security 1 Fleetwood 1996-06-20
2016520612 1 security 1 Alfie 1994-04-09
2016938718 3 design 2 Paterson 1995-02-17
2016172111 3 design 2 Finch 1998-11-24
2015552012 3 design 2 Alcott 1999-10-26
2015759616 3 design 2 Jameson 1994-10-25
2018023534 3 design 3 Ogden 1995-10-24
2016566275 3 design 4 Langley 1998-08-19
2017505603 3 design 1 Marilyn 1994-07-04
2018060724 3 design 3 Maggie 1998-03-30
2017012111 3 design 4 Manley 1997-08-15
2015227511 3 design 3 Manny 1995-06-28

C:\Users\Wijjang\source\repo < + >
2018027775 2 computer 1 Fisk 1999-04-09
2017347212 2 computer 3 Oakes 1995-01-19
2015292753 2 computer 3 Marigold 1997-11-19
2016077452 2 computer 2 Aldous 1996-12-30
2015460713 4 chemical 3 Marlow 1999-08-05
2018079820 4 chemical 4 Pascoe 1995-12-20
2018029188 4 chemical 3 Finnick 1994-04-25
2016747305 4 chemical 4 Maida 1995-04-22
2017320838 4 chemical 3 Jagger 1996-03-28
2016587087 4 chemical 2 Oakley 1997-05-13
2017156850 4 chemical 3 Oberon 1999-08-23
2016310847 4 chemical 2 Ferebee 1996-01-16
2015372207 4 chemical 1 Rhett 1995-01-06
2015238759 4 chemical 3 Fitzhugh 1998-12-22
2017723122 4 chemical 3 Janet 1996-02-27
2016856993 4 chemical 4 Marge 1999-02-07
2016894338 4 chemical 3 Finesse 1998-08-31
2015445901 4 chemical 1 Jarrett 1995-11-17
2017798515 4 chemical 1 Marley 1997-09-03
2015230431 4 chemical 4 Calico 1999-04-01
2017013958 4 chemical 4 Drake 1998-11-21
2017233995 4 chemical 4 Marlon 1999-08-21
2012751179 4 chemical 4 Tomy 1998-07-29
2015985158 5 architecture 3 James 1995-10-27
2017691315 5 architecture 2 Northrop 1998-10-07
2017483793 5 architecture 1 Jean 1996-09-23
2017965655 5 architecture 2 Jefferson 1994-01-29
2015846665 5 architecture 2 Lanford 1994-01-01
2015980408 5 architecture 3 Mailer 1998-09-28
2016047094 5 architecture 3 Norwood 1998-07-27
```

5. 저장 및 출력 - (정렬된 그대로 저장)

```
C:\Users\wjang\source\repo > + - v
2. 삭제
3. 검색
4. 정렬
5. 저장 및 출력
6. 프로그램 종료
-----
메뉴를 선택 하세요 : 5
2017068657 1 security 1 Lane 1997-12-14
2017546733 1 security 3 Alden 1994-06-21
2016895233 1 security 3 Filmore 1994-01-06
2015936832 1 security 2 Fitzroy 1994-07-10
2016804982 1 security 4 Jarman 1997-03-23
2015264816 1 security 1 Norvin 1996-12-29
2017042401 1 security 1 Pascal 1996-09-29
2015597473 1 security 1 Pat 1995-09-30
2015241954 1 security 1 Oberon 1995-01-19
2015431340 1 security 2 Odele 1994-04-21
2017163542 1 security 3 Odell 1997-04-12
2016638084 1 security 1 Olive 1997-06-06
2016876488 1 security 3 Jayleen 1994-10-31
2017619196 1 security 4 Jazz 1995-06-18
2015403429 1 security 1 Jeffrey 1995-03-03
2015743527 1 security 1 Remington 1997-09-25
2016505796 1 security 3 Reynold 1997-10-11
2017400856 1 security 1 Fleetwood 1996-06-20
2016520612 1 security 1 Alfie 1994-04-09
2016938718 3 design 2 Paterson 1995-02-17
2016172111 3 design 2 Finch 1998-11-24
2015552012 3 design 2 Alcott 1999-10-26
2015759616 3 design 2 Jameson 1994-10-25

C:\Users\wjang\source\repo > + - v
2016077452 2 computer 2 Aldous 1996-12-30
2015460713 4 chemical 3 Marlow 1999-08-05
2018079820 4 chemical 4 Pascoe 1995-12-20
2018029188 4 chemical 3 Finnick 1994-04-25
2016747305 4 chemical 4 Maida 1995-04-22
2017320838 4 chemical 3 Jagger 1996-03-28
2016587087 4 chemical 2 Oakley 1997-05-13
2017150850 4 chemical 3 Oberon 1999-08-23
2016310847 4 chemical 2 Ferebee 1996-01-16
2015372207 4 chemical 1 Rhett 1995-01-06
2015238759 4 chemical 3 Fitzhugh 1998-12-22
2017723122 4 chemical 3 Janet 1996-02-27
2016850993 4 chemical 4 Marge 1999-02-07
2016894338 4 chemical 3 Finesse 1998-08-31
2015445901 4 chemical 1 Jarrett 1995-11-17
2017798515 4 chemical 1 Marley 1997-09-03
2015230431 4 chemical 4 Calico 1999-04-01
2017013958 4 chemical 4 Drake 1998-11-21
2017233995 4 chemical 4 Marlon 1999-08-21
2012751179 4 chemical 4 Tomy 1998-07-29
2015985158 5 architecture 3 James 1995-10-27
2017691315 5 architecture 2 Northrop 1998-10-07
2017483793 5 architecture 1 Jean 1996-09-23
2017965655 5 architecture 2 Jefferson 1994-01-29
2015846665 5 architecture 2 Lanford 1994-01-01
2015980408 5 architecture 3 Mailer 1998-09-28
2016047094 5 architecture 3 Norwood 1998-07-27
2016746483 5 architecture 4 Revel 1997-07-24
2016122683 5 architecture 3 Noyce 1996-06-07
2015421041 5 architecture 2 Malin 1994-07-02
```

6. 프로그램 종료

```
C:\Users\jjang\source\repos\자료구조 (6주차 과제 - 수정)\x64\Debug\자료구조 (6주차 과제 - 수정).exe(프로세스 2768개)이 (가) 종료되었습니다(코드: 0개).
디버깅이 중지될 때 콘솔을 자동으로 닫으려면 [도구] -> [옵션] -> [디버깅] > [디버깅이 중지되면 자동으로 콘솔 닫기]를 사용하도록 설정합니다.
이 창을 닫으려면 아무 키나 누르세요 ...]
```