

```
{
(AES, (AES, VIGRA, ALESUND, NORWAY, 62, 33, 37, N, 6, 6, 36, E, 69))
(CAE, (CAE, COLUMBIAMETROPOLITAN, COLOMBIA, USA, 33, 56, 19, N, 81, 7, 10, W, 236))
(CFS, (CFS, COFFSHARBOUR, COFF 'SHARBOUR, AUSTRALIA, 30, 19, 14, S, 153, 6, 59, E, 18))
(FMI, (FMI, KALEMIE, KALEMIE, ZAIRE, 5, 52, 32, S, 29, 15, 0, E, 2569))
(GMP, (GMP, GIMPO, SEOUL, KOREA, 37, 33, 29, N, 126, 47, 26, E, 58))
(HND, (HND, TOKYOINTERNATIONAL, TOKYO, JAPAN, 35, 33, 8, N, 139, 46, 46, E, 35))
(JGA, (JGA, JAMNAGAR, JAMNAGAR, INDIA, 22, 27, 59, N, 70, 0, 41, E, 69))
(MCC, (MCC, MCCLELLAN, SACRAMENTO, USA, 38, 40, 3, N, 121, 24, 2, W, 75))
(MNL, (MNL, MALABANG, MANILA, PHILIPPINES, 7, 37, 2, N, 124, 3, 31, E, 27))
(QPG, (QPG, PAYALEBAR, PAYALEBAR, SINGAPORE, 1, 21, 37, N, 103, 54, 34, E, 65))
(RCO, (RCO, STAGNANT, ROCHEFORT, FRANCE, 45, 53, 16, N, 0, 58, 59, W, 56))
(VDZ, (VDZ, VALDEZPIONEERFIELD, VALDEZ, USA, 61, 8, 2, N, 146, 14, 54, W, 120))
(VIX, (VIX, GOIABEIRAS, VITORIA, BRAZIL, 20, 15, 20, S, 40, 17, 20, W, 11))
(YEU, (YEU, EUREKA, EUREKA, CANADA, 79, 59, 41, N, 85, 48, 48, W, 256))
(YHY, (YHY, HAYRIVER, HAYRIVER, CANADA, 60, 50, 23, N, 115, 46, 58, W, 543))
(YWG, (YWG, WINNIPEGINTERNATIONAL, WINNIPEG, CANADA, 49, 54, 36, N, 97, 14, 4, W, 783))
}
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Number of records in map: 16

YWG has a record

CMB does not exist in current map

Removing HND

Number of records in map: 15

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{
(AES, (AES, VIGRA, ALESUND, NORWAY, 62, 33, 37, N, 6, 6, 36, E, 69))
(CAE, (CAE, COLUMBIAMETROPOLITAN, COLOMBIA, USA, 33, 56, 19, N, 81, 7, 10, W, 236))
(CFS, (CFS, COFFSHARBOUR, COFF 'SHARBOUR, AUSTRALIA, 30, 19, 14, S, 153, 6, 59, E, 18))
(FMI, (FMI, KALEMIE, KALEMIE, ZAIRE, 5, 52, 32, S, 29, 15, 0, E, 2569))
(GMP, (GMP, GIMPO, SEOUL, KOREA, 37, 33, 29, N, 126, 47, 26, E, 58))
(JGA, (JGA, JAMNAGAR, JAMNAGAR, INDIA, 22, 27, 59, N, 70, 0, 41, E, 69))
(MCC, (MCC, MCCLELLAN, SACRAMENTO, USA, 38, 40, 3, N, 121, 24, 2, W, 75))
(MNL, (MNL, MALABANG, MANILA, PHILIPPINES, 7, 37, 2, N, 124, 3, 31, E, 27))
(QPG, (QPG, PAYALEBAR, PAYALEBAR, SINGAPORE, 1, 21, 37, N, 103, 54, 34, E, 65))
(RCO, (RCO, STAGNANT, ROCHEFORT, FRANCE, 45, 53, 16, N, 0, 58, 59, W, 56))
(VDZ, (VDZ, VALDEZPIONEERFIELD, VALDEZ, USA, 61, 8, 2, N, 146, 14, 54, W, 120))
(VIX, (VIX, GOIABEIRAS, VITORIA, BRAZIL, 20, 15, 20, S, 40, 17, 20, W, 11))
(YEU, (YEU, EUREKA, EUREKA, CANADA, 79, 59, 41, N, 85, 48, 48, W, 256))
(YHY, (YHY, HAYRIVER, HAYRIVER, CANADA, 60, 50, 23, N, 115, 46, 58, W, 543))
(YWG, (YWG, WINNIPEGINTERNATIONAL, WINNIPEG, CANADA, 49, 54, 36, N, 97, 14, 4, W, 783))
}
```

```

}
To replace CFS with SYD, please follow the instructions below
input record data in following order:
(code, name, city, country, latitudeDegrees, latitudeMinutes, latitudeSeconds, latitudeDirection, longitudeDegrees, longitudeMinutes, longitudeSeconds, longitudeDirection, altitude)
SYD
KINGSFORDSMITH
SYDNEY
AUSTRALIA
33
56
46
S
151
10
38
E
21
Success! CFS has been successfully swapped!
Plz check the map below
{
(AES, (AES, VIGRA, ALESUND, NORWAY, 62, 33, 37, N, 6, 6, 36, E, 69))
(CAE, (CAE, COLUMBIAMETROPOLITAN, COLOMBIA, USA, 33, 56, 19, N, 81, 7, 10, W, 236))
(FMI, (FMI, KALEMIE, KALEMIE, ZAIRE, 5, 52, 32, S, 29, 15, 0, E, 2569))
(GMP, (GMP, GIMPO, SEOUL, KOREA, 37, 33, 29, N, 126, 47, 26, E, 58))
(JGA, (JGA, JAMNAGAR, JAMNAGAR, INDIA, 22, 27, 59, N, 70, 0, 41, E, 69))
(MCC, (MCC, MCCLELLAN, SACRAMENTO, USA, 38, 40, 3, N, 121, 24, 2, W, 75))
(MNL, (MNL, MALABANG, MANILA, PHILIPPINES, 7, 37, 2, N, 124, 3, 31, E, 27))
(QPG, (QPG, PAYALEBAR, PAYALEBAR, SINGAPORE, 1, 21, 37, N, 103, 54, 34, E, 65))
(RCO, (RCO, STAGNANT, ROCHEFORT, FRANCE, 45, 53, 16, N, 0, 58, 59, W, 56))
(SYD, (SYD, KINGSFORDSMITH, SYDNEY, AUSTRALIA, 33, 56, 46, S, 151, 10, 38, E, 21))
(VDZ, (VDZ, VALDEZPIONEERFIELD, VALDEZ, USA, 61, 8, 2, N, 146, 14, 54, W, 120))
(VIX, (VIX, GOIABEIRAS, VITORIA, BRAZIL, 20, 15, 20, S, 40, 17, 20, W, 11))
(YEU, (YEU, EUREKA, EUREKA, CANADA, 79, 59, 41, N, 85, 48, 48, W, 256))
(YHY, (YHY, HAYRIVER, HAYRIVER, CANADA, 60, 50, 23, N, 115, 46, 58, W, 543))
(YWG, (YWG, WINNIPEGINTERNATIONAL, WINNIPEG, CANADA, 49, 54, 36, N, 97, 14, 4, W, 783))
}
Number of records in map: 15

C:\Users\ryana\OneDrive\Desktop\Programming Projects\Programming Project 5\Debug\Programming Project 5.exe (process 18264) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .

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