```
Script started on 2023-10-05 20:04:39+00:00 [TERM="xterm-256color" TTY="/dev/pts/0" COLUM
NS="95" LINES="43"]
\[\033[01;34m\]\w\[\033[00m\]$ pwd
/home/runner/Lab-11-A-Short-Array-Practice-kcp3s
\[\033[01;34m\]\w\[\033[00m\]$ ls -la
total 2548
drwxr-xr-x 1 runner runner     220 Oct  5 20:04 .
drwxrwxrwx 1 runner runner     122 Oct  5 19:45 ..
-rwxr-xr-x 1 runner runner   16336 Oct  5 18:48 a.out
-rw-r--r-- 1 runner runner      17 Aug 18 20:59 .breakpoints
drwxr-xr-x 1 runner runner      12 Jan 24  2022 .cache
drwxr-x--- 1 runner runner     560 Oct  5 17:51 .ccls-cache
drwxr-xr-x 1 runner runner      68 Oct  5 19:45 .lesson
-rwxr-xr-x 1 runner runner 1269352 Oct  5 18:54 main
-rw-r--r-- 1 runner runner    1100 Oct  5 18:54 main.cpp
-rwxr-xr-x 1 runner runner 1258728 Aug 18 20:58 main-debug
-rw-r--r-- 1 runner runner   29432 Apr 21  2022 main.o
-rw-r--r-- 1 runner runner     432 Aug 18 21:02 Makefile
-rw-r--r-- 1 runner runner       0 Oct  5 20:04 Patel_Lab_11.log
-rw-r--r-- 1 runner runner    1426 Dec 21  2022 .replit
-rw-r--r-- 1 runner runner     143 Oct  3 13:58 replit.nix
\[\033[01;34m\]\w\[\033[00m\]$ cat -n main.cpp
     1  #include <iostream>
     2  #include<array>
     3
     4  const int kMaxSize {5};
     5
     6  void GetGrades(std::array<double, kMaxSize> &grades);
     7  bool GradesAreSame(const std::array<double, kMaxSize> student1, const std::array<
double, kMaxSize> student2);
     8  int main() {
     9      std::array<double, kMaxSize> student1{};
    10      std::array<double, kMaxSize> student2{};
    11      //Getting Student 1
    12      std::cout << "Getting Student One\n";
    13      GetGrades(student1);
    14      //Getting Student 2
    15      std::cout << "Getting Student Two\n";
    16      GetGrades(student2);
    17      //checking with bool statement
    18      bool Gradessame = GradesAreSame(student1, student2);
    19      if (Gradessame){
    20          std::cout << "\nBoth students have the SAME grades!\n";
    21      }
    22      else {
    23          std::cout << "\nBoth students have DIFFERENT grades!\n";
    24      }
    25
    26  }
    27
    28  void GetGrades(std::array<double, kMaxSize> &grades){
    29      for (int i{0}; i<kMaxSize; i++){
    30          std::cout << "Enter grade: ";
    31          std::cin >> grades.at(i);
    32      }
    33  }
    34
    35  bool GradesAreSame(const std::array<double, kMaxSize> student1, const std::array<
double, kMaxSize> student2){
    36      return student1 == student2;
    37  }\[\033[01;34m\]\w\[\033[00m\]$ g++ main.cpp -o compare
\[\033[01;34m\]\w\[\033[00m\]$ ./compare
Getting Student One
Enter grade: 5
Enter grade: 5
Enter grade: 6
Enter grade: 6
Enter grade: 7
Getting Student Two
Enter grade: 5
```

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Enter grade: 5
Enter grade: 6
Enter grade: 6
Enter grade: 7

Both students have the SAME grades!
\[\033[01;34m\]\w\[\033[00m\]$ ./compare
Getting Student One
Enter grade: 100.00
Enter grade: 98.87
Enter grade: 87.00
Enter grade: 77.98
Enter grade: 33.23
Getting Student Two
Enter grade: 100.00
Enter grade: 97.87
Enter grade: 33.23
Enter grade: 87.00
Enter grade: 77.98

Both students have DIFFERENT grades!
\[\033[01;34m\]\w\[\033[00m\]$ ./compare
Getting Student One
Enter grade: 98.2
Enter grade: 88.3
Enter grade: 77.6
Enter grade: 100.2
Enter grade: 98.1
Getting Student Two
Enter grade: 98.2
Enter grade: 88.3
Enter grade: 77.6
Enter grade: 100.2
Enter grade: 98

Both students have DIFFERENT grades!
\[\033[01;34m\]\w\[\033[00m\]$ exit

Script done on 2023-10-05 20:07:06+00:00 [COMMAND_EXIT_CODE="0"]
```