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Assignment 3
    1. Find the errors.
// This program uses an if/else if statement to assign a
// letter grade (A, B, C, D, or F) to a numeric test score.
#include <iostream>
using namespace std;
int main()
int testScore;
        cout << "Enter your test score and I will tell you\n";</pre>
        cout << "the letter grade you earned: ";</pre>
        cin >> testScore;
        if (testScore < 60)
                cout << "Your grade is F.\n";
        else if (testScore < 70)
                cout << "Your grade is D.\n";</pre>
        else if (testScore < 80)
                cout << "Your grade is C.\n";</pre>
        else if (testScore < 90)
                cout << "Your grade is B.\n";</pre>
        else
                cout << "That is not a valid score.\n";</pre>
        else if (testScore <= 100)
                cout << "Your grade is A.\n";</pre>
        return 0;
}
```

## 2. Find the errors

```
// This program uses a switch-case statement to assign a
// letter grade (A, B, C, D, or F) to a numeric test score.
#include <iostream>
using namespace std;
int main()
double testScore;
cout << "Enter your test score and I will tell you \n";
cout << "the letter grade you earned: ";</pre>
cin >> testScore;
switch (testScore)
  case (testScore < 60.0):
     cout << "Your grade is F.\n";
     break;
  case (testScore < 70.0):
     cout << "Your grade is D.\n";</pre>
     break;
  case (testScore < 80.0):
     cout << "Your grade is C.\n";</pre>
     break;
  case (testScore < 90.0):
     cout << "Your grade is B.\n";</pre>
     break;
  case (testScore <= 100.0):
     cout << "Your grade is A.\n";</pre>
     break:
  default:
     cout << "That score isn't valid\n";</pre>
return 0;
}
```

3. Understanding how time works

```
Please enter the current time in seconds:
243857
Days: 2
Hours: 19
Minutes: 44
Seconds: 17

a. Please enter the current time in seconds:
32961
Hours: 9
Minutes: 9
Seconds: 21
Please enter the current time in seconds:
1758
Minutes: 29
Seconds: 18
```

4. Menus, Decisions, and Validation

```
Enter first competitor: Stefen
Enter second competitor: Blake
Enter third competitor: Corv
Please select which event you would like to enter data for (1-3):
1. Stone Over
2. Farmers Frame Medley
3. Axle Deadlift
Enter the number of stones Stefen was able to lift for attempt 1:
Enter the number of stones Blake was able to lift for attempt 1:
Enter the number of stones Cory was able to lift for attempt 1:
Enter the number of stones Stefen was able to lift for attempt 2:
Enter the number of stones Blake was able to lift for attempt 2:
Enter the number of stones Cory was able to lift for attempt 2:
*************** Stone Over Bar **************
    Competitors
                   Stones Lifted
                                   Points
                                               Place
       Stefen
                         6
                                       2
                                                 2
       Blake
                         6
                                        2
                                                 2
                                        3
                                                 1
        Cory
```

a.

```
Enter second competitor: Blake
    Enter third competitor: Cory
    Please select which event you would like to enter data for (1-3):
    1. Stone Over
    2. Farmers Frame Medley
    3. Axle Deadlift
    Enter the number of seconds Stefen took to complete attempt 1:
    Enter the number of seconds Blake took to complete attempt 1:
    Enter the number of seconds Cory took to complete attempt 1:
    22.38
    Enter the number of seconds Stefen took to complete attempt 2:
    Enter the number of seconds Blake took to complete attempt 2:
    Enter the number of seconds Cory took to complete attempt 2:
    ******************* Farmers Frame Medley ***************
                                        Points
                                                   Place
        Competitors
                            Seconds
           Stefen
                              16.45
            Blake
                              19.71
                                                     2
                                           2
            Cory
                             21.94
                                          1
                                                     3
h.
    Enter first competitor: Stefen
    Enter second competitor: Blake
    Enter third competitor: Cory
    Please select which event you would like to enter data for (1-3):
    1. Stone Over
    2. Farmers Frame Medley
    3. Axle Deadlift
    Number of pounds Stefen lifted in attempt 1:
    Number of pounds Blake lifted in attempt 1:
    Number of pounds Cory lifted in attempt 1:
    Number of pounds Stefen lifted in attempt 2:
    Number of pounds Blake lifted in attempt 2:
    Number of pounds Cory lifted in attempt 2:
    **************** Axle Deadlift *************
        Competitors
                               Pounds
                                          Points
                                                     Place
           Stefen
                                 408
                                                       1
            Blake
                                 345
                                                       3
             Cory
                                 375
                                            2
                                                       2
c.
```

Enter first competitor: Stefen