"masters canoe jousting.\n","pie-throwing festival.\n"

};
int main()
{
    int age;
    cout << "Enter your age in years: ";
    cin >> age;
    int index;

    if (age > 17 && age < 35)
        index = 0;
    else if (age >= 35 && age < 50)
        index = 1;
    else if (age >= 50 && age < 65)
        index = 2;
    else
        index = 3;
    cout << "You qualify for the " << qualify[index];
    return 0;
}

Compatibility Note

You might recall that some C++ implementations require that you use the keyword static in an array declaration in order to make it possible to initialize that array. That restriction, as Chapter 9, "Memory Models and Namespaces," discusses, applies to arrays declared inside a function body. When an array is declared outside a function body, as is qualify in Listing 6.6, it's termed an external array and can be initialized even in pre-ANSI C implementations.

Here is a sample run:

Enter your age in years: 87