Create a program that prompts the user for a user name and password.

If "teacher" and "ilovetoteach" are entered as username and password then the output message "Welcome teacher!" is generated.

If "student" and "ilovetolearn" are entered as username and password then the output message "Welcome student!" is generated.

If the username or password is not between 6 and 12 character long then a message is outputted and the user can try again.

If the username and password are both of appropriate length but one of them is incorrect then an error message is outputted and the user can try again.

If after three attempts the correct username and password is not entered, then the program ends without the "SUCCESS" message being generated.

```
  while (times <3)

    {
    System.out.print ("Username (must be between 6 and 12 characters long): ");
    uName = keyedInput.next();
    System.out.print ("Password (must be between 6 and 12 characters long): ");
    pWord = keyedInput.next();

       if (uName.length () < 6 | uName.length () >12 | pWord.length () < 6 | pWord.length () >12 )

       {
          System.out.println ("Sorry, either your username or password was not between 6 and 12 characters.");
          System.out.println ();
          times = times + 1;
       }

    else if (uName.equals(teacherUName) & pWord.equals(teacherPWord))

       {
          System.out.println ("Welcome teacher, to the career explorer software!");
          break;
       }

    else if (uName.equals(studentUName) & pWord.equals(studentPWord))

       {
          System.out.println ("Welcome student, to the career explorer software!");
          break;
       }
    else
       {
          System.out.println ("Sorry, you have inputted a username or password that is incorrect.");
          System.out.println ();
          times = times + 1;

       }

    }
    if (times ==3)
    {
    System.out.println ("Sorry, you have tried 3 times. You will now be locked out.");
    }

  }
```