

The image shows a screenshot of an IDE with a dark theme. The Explorer panel on the left shows a project named 'EXER4\_PLYMORPHISM\_LACNO' with files 'Admin.java', 'ProjectTester.java', 'Resident.java', and 'User.java'. The 'ProjectTester.java' file is selected and has a line number '1' next to it. The main editor displays the code for 'Admin.java', which is a Java class extending 'User'. It has a constructor 'Admin(String name, String username, String password)' and a method 'makeAnnouncement(String content)'. The code uses comments to describe compile-time polymorphism and method overloading. The bottom panel is split into 'PROBLEMS' (showing 1 error), 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL', and 'PORTS'. The 'TERMINAL' tab is active, showing the output of the program. The output includes messages for successful logins, registration, complaint submission, and announcements, as well as a reaction to an announcement. The prompt 'PS C:\Users\user\Desktop\crstn file\EXER4\_Plymorphisms\_Lacno>' is visible at the bottom of the terminal. The right sidebar shows a 'powershell' terminal with a 'Run: Project...' button.