The (Your Knowledge, Your Shield) campaign was conducted at the Deanship of Female Students Affairs Building, King Faisal University. The first part was included welcoming the public and a simple introduction to the content of the campaign, and the necessary assessment of students' awareness regarding genetic diseases (pre-questionnaire) was conducted before implementing the program. We introduced hereditary diseases, mention the types, and provided a simplified explanation of the method of transmission of each type. The method of reducing and preventing genetic diseases also explained, and this point included several basic topics. Regarding the third part, the attendance of female students sensitized by conducting competitions to test their level of awareness (Game cards: truth or myth).A .post-questionnaire was conducted to measure changes in their awareness regarding genetic diseases