Workshop 3 READ THE FOLLOWING CASE STUDY AND ASNWER THE QUESTIONS.

You have been tasked to create an application to calculate the taxes and amount due on on a DVD rental in Joe's rental shop.

This is how his rental works:

- Tax is 5% of the DVD Price for the Children's genre.
- Tax is 7% of the DVD Price for the comedy genre.
- Tax is 10% of the DVD Price for the Action, horrow and even the Adventure genre.

A GUI has been given below. The purpose of the Rental form is to calculate the customer's cost for taking out a DVD. When a customer takes out a DVD, Joe enters the DVD Price into the system; and the taxes and amount due are calculated immediately. Use a method to calculate the tax amount and return a value to the calling procedure. Amount Due is calculated by adding the DVD Price to the tax.



When the Rental Form starts up, the Customer Details *groupbox* should not be visible. When the Calculate button is clicked, the system should first check whether a Genre type has been selected. If not, notify the user to do so. If there is a selection, calculate the amount due and taxes. When the Calculate button is clicked, the Customer Details groupbox should be visible. To ensure that the customer cannot take out another DVD, immediately the calculate Button is clicked, the Genre type Groupbox should be disabled. The Clear button clears the contents of all text boxes. Ensure the program does not crach and is user friendly as posisble. An executable program can be found on vula