**In Class Activity 6**

**Question 1)**

Letter grades in the US are commonly assigned according to “deciles:” a score that is greater than or equal to 90% is given an A, a score that is greater than or equal to 80%, but less than 90% is given a B, a score similarly between 70% and 80% is a C, a score similarly between 60% and 70% is a D, and anything below 60% is an F.

Write a function percentToLetter that has one input parameter. It should be passed a percentage (which may be a floating-point number) as its input, and it should return a string containing the corresponding letter grade.

**Question 2)**

You will create a program to assist a user in selecting a movie to watch based on their preferences. The program will recommend a genre and suggest a specific movie within that genre.

Here are the preferences and recommendations:

* If the user prefers action movies:
  + If they like fast-paced action, recommend "The Fast and the Furious."
  + If they prefer superhero action, recommend "The Avengers."
* If the user prefers romantic movies:
  + If they like classic romance, recommend "Pride and Prejudice."
  + If they prefer modern romance, recommend "The Notebook."
* If the user prefers comedy movies:
  + If they like slapstick comedy, recommend "Dumb and Dumber."
  + If they prefer witty comedy, recommend "Deadpool."

Write a Python program that accomplishes the following:

1. Prompt the user to select a genre (1 for action, 2 for romantic, 3 for comedy).
2. Depending on the selected genre, use nested conditional statements to recommend a specific movie within that genre.
3. Display the recommended movie.