

Pseudocode for Lab 4

Ask the user for 3 inputs:

- The money's intended use (if it matches these strings, the business will be eligible; if it doesn't, it won't be applied to that business):
 - "Payroll"
 - "Rent"
 - "Mortgage"
 - "Utilities"
 - "Debt"
 - "Ordinary business expenses"
- How much the businesses are going to ask for the grant (in **double** type).
- The Boolean in which ask for a true/false value which indicates that a business is a nonprofit or not.

If the business is eligible (which mean the fund is less than or equal to 2 million):

- There will be a 3.75% Interest for a profit business or a 2.75% for a non-profit one.
 - If they ask for the loan amount of \$25,000 or less, there is no \$100 fee but if the loan is over \$25k, a \$100 will be charged for one time.

And

- If the loan amount is over \$25k, the collateral is required and if it's not then no collateral is provided from businesses.
- If the loan amount is more than \$200k, the personal guaranty is required and if not, then no personal guaranty is required.

If the company requests more than \$2 million, the grant will be denied, and the output line will consist of the eligibility status with two upper and lower lines of " = ", each measuring 80 pixels wide.

Output

- The first line is in 80 widths filled with " = ".
- Eligibility status, Interest Rate, Application Fee, Collateral Required, and Personal Guaranty will all be on the left side of the panel.
- The outputs which are applied to each of the categories, will be on the right side of the panel.
- The result ends with a second line in 80 widths fled with *=*.