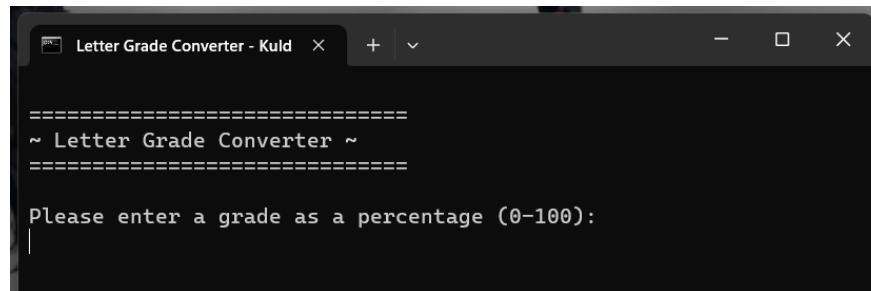


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Lab 2 – Letter Grade Converter

Part 2 Initial Screen

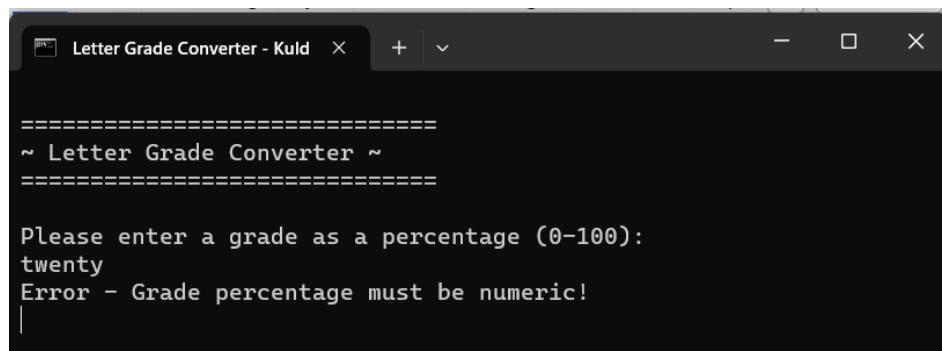


```
Letter Grade Converter - Kuld x + v - □ x  
=====  
~ Letter Grade Converter ~  
=====  
  
Please enter a grade as a percentage (0-100):  
|
```

Screenshot 1

Context: As the application opens, the user is presented with the program's banner as well as a description of what the application is intended to do. The user is then given a prompt for what kind of input they are expected to give.

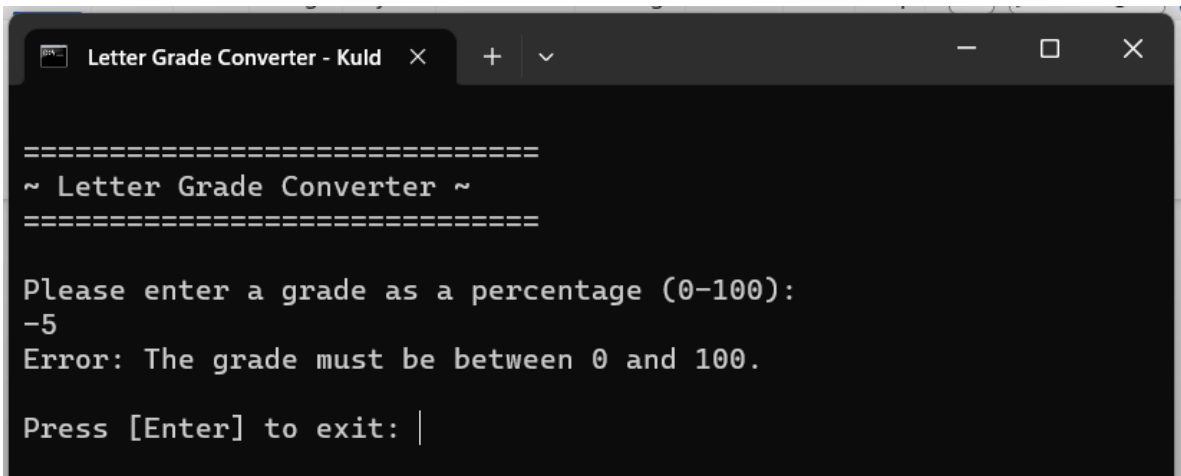
Part 3 – Input Screen and Validation



```
Letter Grade Converter - Kuld x + v - □ x  
=====  
~ Letter Grade Converter ~  
=====  
  
Please enter a grade as a percentage (0-100):  
twenty  
Error - Grade percentage must be numeric!  
|
```

Screenshot 2

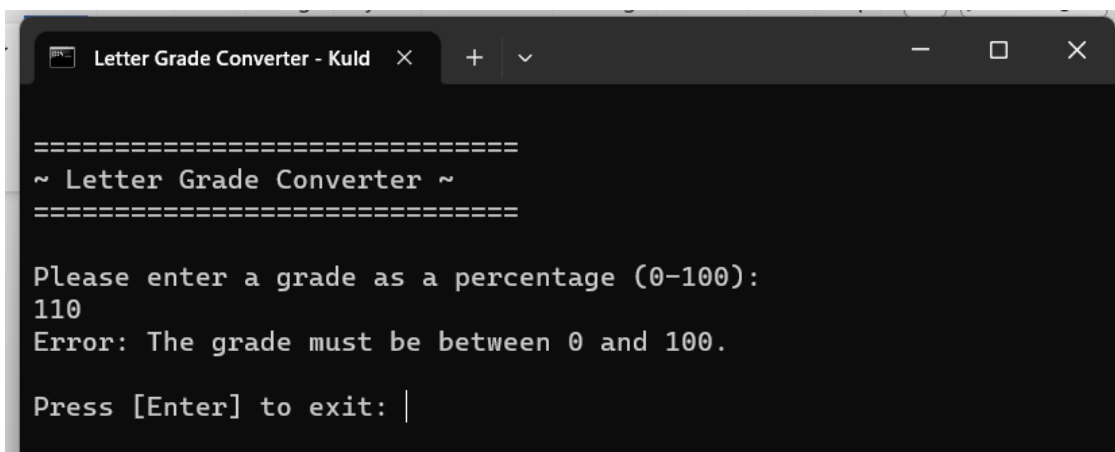
Context: The user enters a string value (non-numeric) as the program needs, hence the user is given an error message with respect to what they did wrong.



```
Letter Grade Converter - Kuld x + v - □ x  
  
===== ~ Letter Grade Converter ~ =====  
  
Please enter a grade as a percentage (0-100):  
-5  
Error: The grade must be between 0 and 100.  
  
Press [Enter] to exit: |
```

Screenshot 3

Context: User entered a negative percentage, and it is beyond the range bounds of the program. The application displayed the error message accordingly and displayed the exist sequence.

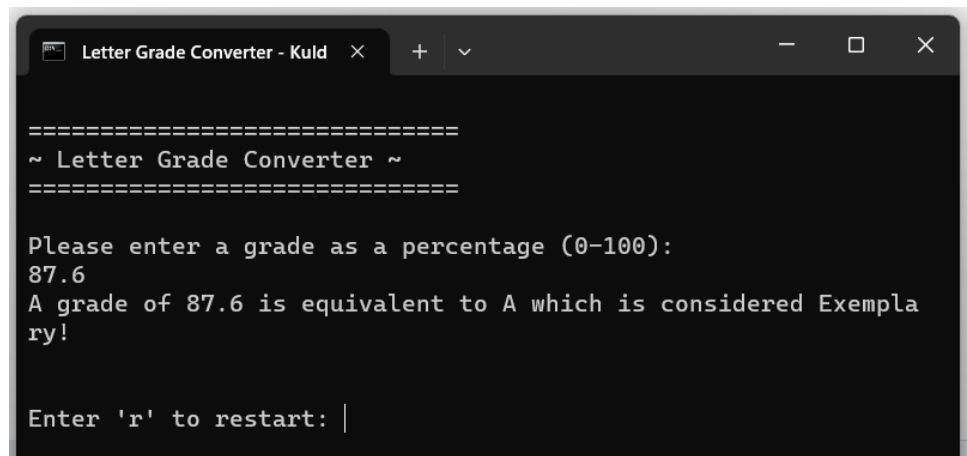


```
Letter Grade Converter - Kuld x + v - □ x  
  
===== ~ Letter Grade Converter ~ =====  
  
Please enter a grade as a percentage (0-100):  
110  
Error: The grade must be between 0 and 100.  
  
Press [Enter] to exit: |
```

Screenshot 4

Context: The user enters a grade that was higher than the acceptable range of the program and the program reminded them to stay within limits and displayed the exist sequence.

Part 4 – Output Screen



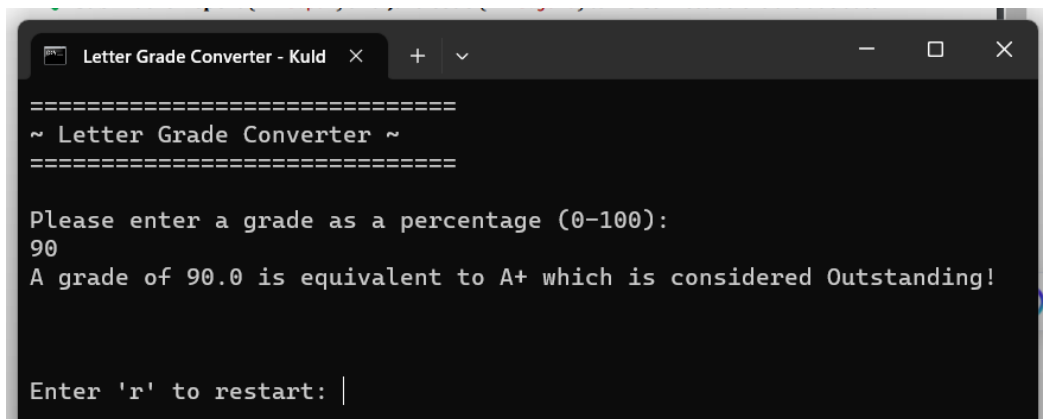
```
Letter Grade Converter - Kuld x + v - □ x
=====
~ Letter Grade Converter ~
=====

Please enter a grade as a percentage (0-100):
87.6
A grade of 87.6 is equivalent to A which is considered Exemplary!

Enter 'r' to restart: |
```

Screenshot 5

Context: The user entered a float value “87.6” which is acceptable due to the rounding method within the program’s capabilities and was given an appropriate letter grade and respective feedback. The user is prompted with a restart key as well.



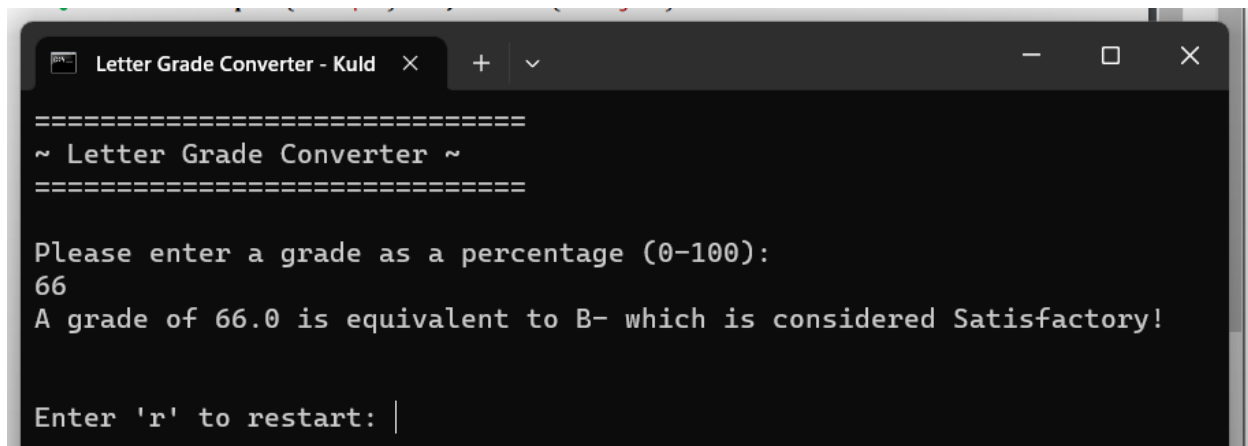
```
Letter Grade Converter - Kuld x + v - □ x
=====
~ Letter Grade Converter ~
=====

Please enter a grade as a percentage (0-100):
90
A grade of 90.0 is equivalent to A+ which is considered Outstanding!

Enter 'r' to restart: |
```

Screenshot 6

Context: The user entered a double value (as the program expects) and was given an according letter grade and feedback. The user is prompted with a restart key as well.



```
Letter Grade Converter - Kuld X + v - □ X  
=====  
~ Letter Grade Converter ~  
=====  
  
Please enter a grade as a percentage (0-100):  
66  
A grade of 66.0 is equivalent to B- which is considered Satisfactory!  
  
Enter 'r' to restart: |
```

Screenshot 7

Context: The user entered a double value (as the program expects) and was given an according letter grade and feedback. The user is prompted with a restart key as well.