3.E: CONDITIONAL EXECUTION (EXERCISES)

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Exercise 1: Rewrite your pay computation to give the employee 1.5 times the hourly rate for hours worked above 40 hours.

```
Enter Hours: 45
Enter Rate: 10
Pay: 475.0
```

```
%%python3
#Use this space to write and run your code
```
run   restart

Exercise 2: Rewrite your pay program using `try` and `except` so that your program handles non-numeric input gracefully by printing a message and exiting the program. The following shows two executions of the program:

```
Enter Hours: 20
Enter Rate: nine
Error, please enter numeric input
```

```
Enter Hours: forty
Error, please enter numeric input
```

```
%%python3
#Use this space to write and run your code
```
run   restart

Exercise 3: Write a program to prompt for a score between 0.0 and 1.0. If the score is out of range, print an error message. If the score is between 0.0 and 1.0, print a grade using the following table:

```
Score    Grade
>= 0.9     A
>= 0.8     B
>= 0.7     C
>= 0.6     D
< 0.6     F
```

```
Enter score: 0.95
A
```

```
Enter score: perfect
Bad score
```

```
Enter score: 10.0
Bad score
```

```
Enter score: 0.75
C
```

```
Enter score: 0.5
F
```

```
%%python3
#Use this space to write and run your code
```

<kbd>run</kbd> <kbd>restart</kbd>

Run the program repeatedly as shown above to test the various different values for input.

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1. We will learn about functions in Chapter 4 and loops in Chapter 5.↩