```python
2 #Program2
3 #MSBA 605
4 #Due: 9/4/18
5 #Description: This is an interactive application that returns a letter grade when the user inputs a score.
6 # We use a nested if/elif within a "for" statement to allow for multiple entries.
7
8 def main():
9     n = int(input("Number of scores you wish to grade?"))
10    #Here, we are getting a count of the number of grade letters to return.
11    if n == 0:    # If, for some reason, someone enters 0 as the number of scores to evaluate.
12        print("Then why did you wake me up in the middle of my nap?")
13    else:
14        for n in range(1, n+1):
15            #We use n+1 here because we want the range to be inclusive of the last value.
16            score = float(input("Enter score to get lettergrade: "))
17            #We want this as a float rather than an integer to allow for decimal grades.
18            lettergrade="" #Here, we're setting our value to return in the accumulator.
19            if score >= 90.0:
20                lettergrade = "A"
21                print("A")
22            elif score >= 80.0:
23                lettergrade = "B"
24                print("B")
25            elif score >= 70.0:
26                lettergrade = "C"
27                print("C")
28            elif score >= 60.0:
29                lettergrade = "D"
30                print("D")
31            else:
32                lettergrade = "F"
33                print("F")
34        return lettergrade
35 main() #This actually runs the function above (titled "Main").
```

Results

```
Number of scores you wish to grade?2
Enter score to get lettergrade: 86
Enter score to get lettergrade: 94
B
A
```