Selftest Module 5:

What is the result of the following Python code and why when the user enters (a) 8 and (b) 7:

```python
number = int(input("Please enter a number: "))
if number%2:
    print("This is odd.")
else:
    print("This is weird.")
```

Write a program that asks the user for a temperature. It then prints out a statement according to the following table:

- temperature < 0: “It is very, very cold”
- temperature<40: “It is cold. Ice might form.”
- temperature<60: “The temperature is moderate”.
- temperature<80: “Nice day.”
- temperature<100: “It is hot”.
- temperature >=100: “It is very hot today.”