

Selftest Module 5:

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

```
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."