**44-542 Object Oriented Programming**

**enum Types**

1. Create a class enum with following data in it. (East, West, North, South) and name it as **EnumDirections.**
2. Create a class Direction, declare a method **directionToGo** with enumerated element as it parameter.
3. If the direction given by user is east print “**Go towards East for 30 miles to reach your destination**”
4. If the direction entered by user is west print **“Go towards West for 60 miles to reach your destination”**
5. If the direction entered by the user is south print “**Go towards South for 100 miles to reach your destination**”
6. If the direction entered by the user is north print “**Go towards North for 3 miles to reach your destination**”.
7. Now write a driver class name the file as **Driver** and scan the user input prompting user as “Enter the direction you want to travel”

**Note:**

**You must be able to identify the direction when user enters direction either case sensitive or non-case sensitive.**