

Name 1: _____

Class Day / Time: _____

Due Date: _____

Lab Exercise – Enumerated Types

Using the Enumerated Type we talked about in lecture:

```
enum Days{ SUNDAY,  
           MONDAY,  
           TUESDAY,  
           WEDNESDAY,  
           THURSDAY,  
           FRIDAY,  
           SATURDAY  
};
```

#1 – Write 2 functions

- One to convert a string into the Days type
- One to convert a Days type into a string

#2 – Write the code to read in a day as a string input, convert it to the Days type, convert it back to a string and output the value. Use the expected Input/Output described below.

Turn in (on line)

- 1 – Output
- 2 – Header file
- 3 – Main
- 4 – Functions in the order in which they are called

EXPECTED INPUT/OUTPUT

```
What day is today? Monday  
Today is MONDAY!
```

```
What day is today? Tuesday  
Today is TUESDAY!
```

```
What day is today? Wednesday  
Today is WEDNESDAY!
```

```
What day is today? Thursday  
Today is THURSDAY!
```

```
What day is today? Friday  
Today is FRIDAY!
```

```
What day is today? Saturday  
Today is SATURDAY!
```

```
What day is today? Sunday  
Today is SUNDAY!
```

```
What day is today? No Day  
**** Invalid day input! ****
```

```
Today is INVALID!
```