

Part A

```
Enter a string: I'm here
The new string is: i'M HERE
[gabe@fedora Lab03]$
```

```
Enter a string: Today is a wonderful day! Isn't it?
The new string is: tODAY IS A WONDERFUL DAY! iSN'T IT?
[gabe@fedora Lab03]$
```

Part B

```
The value of the num is 5
The value of the num is 5
The adress of the num is 0x7fffffffda1c
The address of the num is 0x7fffffffda1c
The value of the p pointer is 0x7fffffffda1c
The address of the p pointer is 0x7fffffffda10
[gabe@fedora Lab03]$
```

Part C

```
Please enter six double numbers: 1 2 3 4 5 6
The sum of values at even locations: 12
[gabe@fedora Lab03]$
```