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ANSWERS TO EVEN-NUMBERED EXERCISES

2. Write a sed command that copies only those lines of a file that begin with the word **Today** to standard output.

```
$ sed -n '/^Today/ p' filename
```

4. Write a sed program named **ins** that copies a file to standard output, changing all occurrences of **cat** to **dog** and preceding each modified line with a line that says **following line is modified:**

```
$ cat ins
/cat/ i\
following line is modified:
s/cat/dog/g
```

6. Write a sed command that copies a file to standard output, replacing a single SPACE as the first character on a line with a 0 (zero) only if the SPACE is immediately followed by a number (0–9). For example:

```
abc ⇨ abc
abc ⇨ abc
85c ⇨ 085c
55b ⇨ 55b
000 ⇨ 0000
```

```
$ sed '/^ [0-9]/ s/ /0/' filename
```