

Practice Exercises - Modules

Exercise 1:

Update the "What Did the Cat Say" program from an earlier section so that it can be run directly or imported as a module. When it runs as a program it should prompt for input and display a cat "saying" what was provided by the user. Place the input provided by the user inside a speech bubble. Make the speech bubble expand or contract to fit around the input provided by the user.

Sample output when run interactively:

```

      _____
    < Pet me and I will purr. >
      -----
      /
 / \_ / \
(  o.o  )
> ^ <

```

Next, create a new program called `cat_talk.py` that imports the `cat_say` module. Use a function from the `cat_say()` module to display various messages to the screen.

Sample output when used as a module:

```

      _____
    < Feed me. >
      -----
      /
 / \_ / \
(  o.o  )
> ^ <

      _____
    < Pet me. >
      -----
      /
 / \_ / \
(  o.o  )
> ^ <

```

```
      _____  
    < Purr.  Purr. >  
      - - - - -  
      /  
  /\_/\  /  
 (  o.o  )  
  > ^ <
```