

Problem Set Three: Input in Python

Let's continue coding with Python.

First, let's review...

Use your notes in your composition book to answer the questions that follow.

1. What is "input"?

2. What is a "prompt"?

3. What is the Python vocabulary word that we use to teach the computer to accomplish input?

4. Why are there two different ways to write the input instruction in Python?

We'll be using an online Python editor. Open <https://repl.it> in your browser and log in to your personal account.

Let's have the computer help us solve problems.

Here is an example problem:

Prompt the user for her name. Allow her to respond to the prompt with an appropriate, typewritten answer.

Here is a Python solution:

```
1 print('What is your name?')
2 input()
3
```

Use the solution to the example problem to help you do the following:

5. Create a new Python project on repl.it; name this project **set3Number5**. Write a Python solution to the following problem:

Prompt the user for her favorite month of the year. Allow her to respond to the prompt with an appropriate, typewritten answer.

When you are satisfied that you are done and your solution is correct, copy and paste the link to your repl.it project in the box, below.

Here is another example problem:

Prompt the user for her age. Allow her to respond to the prompt with an appropriate, typewritten answer.

Here is a Python solution:

```
1 print('How old are you?')
2 int(input())
3
```

Use the solution to the example problem to help you do the following:

6. Create a new Python project on repl.it; name this project **set3Number6**. Write a Python solution to the following problem:

Prompt the user for the number of pets she has. Allow her to respond to the prompt with an appropriate, typewritten answer.

When you are satisfied that you are done and your solution is correct, copy and paste the link to your repl.it project in the box, below.

Finally, use your experience from this assignment to help you do the following:

7. Create a new Python project on repl.it; name this project **set3Number7**. Write a Python solution to the following problem:

Prompt the user for his birth month. Allow him to respond. Then, prompt the use for the number of the day of this birth. Allow him to respond. Finally, prompt the user for the year of his birth. Allow him to respond.

When you are satisfied that you are done and your solution is correct, copy and paste the link to your repl.it project in the box, below.

Reflecting after learning is important! Answer the questions that follow.

8. What aspects of input in Python do you feel "clicked" for you, today?

9. What do you still have trouble with?