
```
1. """Adds two numbers."""
2.
3. x = int(raw_input("Give me an integer: "))
4. y = int(raw_input("Give me another integer: "))
5.
6. print("The sum of {} and {} is {}".format(x, y, x + y))
```

```
1. """Tells user if his or her input is positive or negative (somewhat inaccurately). Demonstrates use of if-else construct."""
2.
3. # ask user for an integer
4. n = int(raw_input("I'd like an integer please: "))
5.
6. # analyze user's input (somewhat inaccurately)
7. if n > 0:
8.     print("You picked a positive number!")
9. else:
10.    print("You picked a negative number!")
```

```
1. """Tells user if his or her input is positive or negative. Demonstrates use of if-elif-else construct."""
2.
3. # ask user for an integer
4. n = int(raw_input("I'd like an integer please: "))
5.
6. # analyze user's input (somewhat inaccurately)
7. if n > 0:
8.     print("You picked a positive number!")
9. elif n == 0:
10.    print("You picked zero!")
11. else:
12.    print("You picked a negative number!")
```

```
1. """Assesses the size of user's input. Demonstrates use of Boolean ANDing."""
2.
3. # ask user for an integer
4. n = int(raw_input("Give me an integer between 1 and 10: "))
5.
6. # judge user's input
7. if n >= 1 and n <= 3:
8.     print("You picked a small number.")
9. elif n >= 4 and n <= 6:
10.    print("You picked a medium number.")
11. elif n >= 7 and n <= 10:
12.    print("You picked a big number.")
13. else:
14.    print("You picked an invalid number.")
```

```
1.  
2. """Says hello to the world."""  
3.  
4. print("hello, world")
```

```
1. """Says hello to just David."""
2.
3. name = "David"
4. print("hello, {}".format(name))
```

```
1. """Says hello to user."""
2.
3. name = raw_input("State your name: ")
4. print("hello, {}".format(name))
```

```
1. #!/usr/bin/env python
2. """Says hello to user."""
3.
4. name = raw_input("State your name: ")
5. print("hello, {}".format(name))
```

```
1. #!/usr/bin/env python
2. """Says hello to user. Demonstrates command-line arguments."""
3.
4. import sys
5.
6. if len(sys.argv) != 2:
7.     print("Usage: python argv.py name");
8.     sys.exit(1)
9. print("hello, {}".format(sys.argv[1]))
```

```
1. """Demands that user provide a positive integer. Demonstrates use of while."""
2.
3. while True:
4.     n = int(raw_input("Please give me a positive int: "))
5.     if (n >= 1):
6.         break
7. print("Thanks for the positive int!")
```