

# Code a Rocket Launch

What are some of the actions we ask computers to do? Brainstorm 3.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

How do computers perform these tasks?

---

---

---

What are some algorithms you use in your everyday life?

---

---

---

## User-Computer Communication Example:

- If a computer wants to ask if you know it's favorite color, it will use a print command to "talk" to you

```
print("What is my favorite color")
```

(output) *What is my favorite color?*

- If a computer wants to know YOUR favorite color, this requires a combination of printing and variables

```
favorite_color = input("What is your favorite color?")
```

```
print(favorite_color)
```

(output) *What is your favorite color?*

**In the code above, identify the variable, user input, and the print statement.**

**How would a computer ask a pilot:**

1. How much fuel is in the tank?

---

---

---

2. How high is the rocket?

---

---

---

