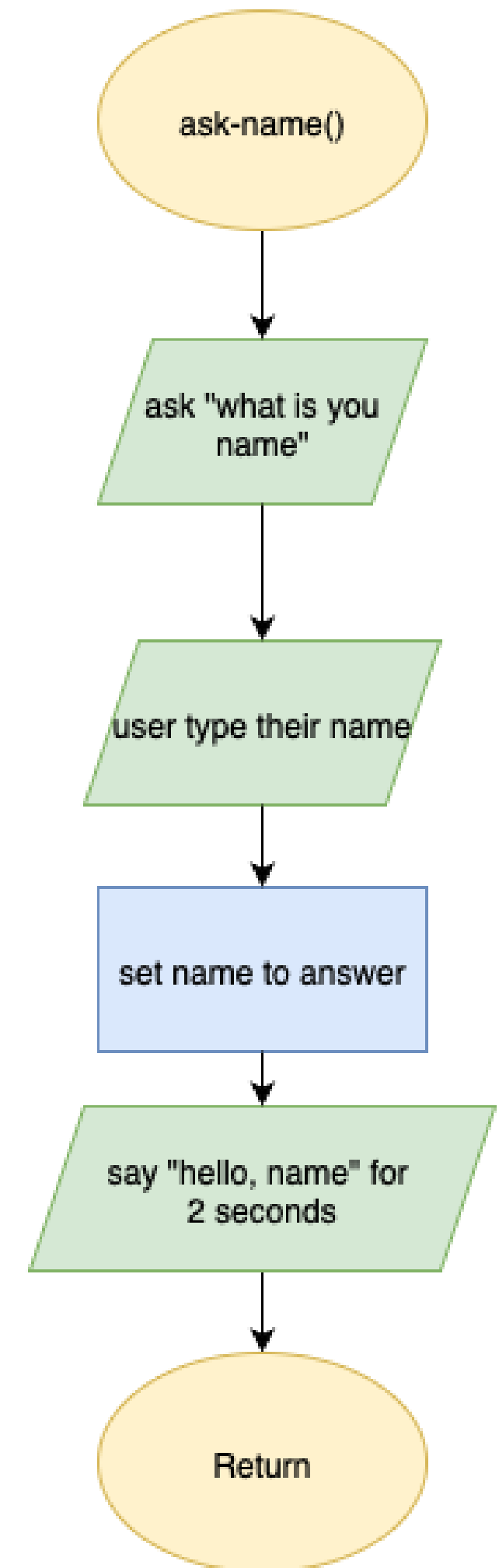
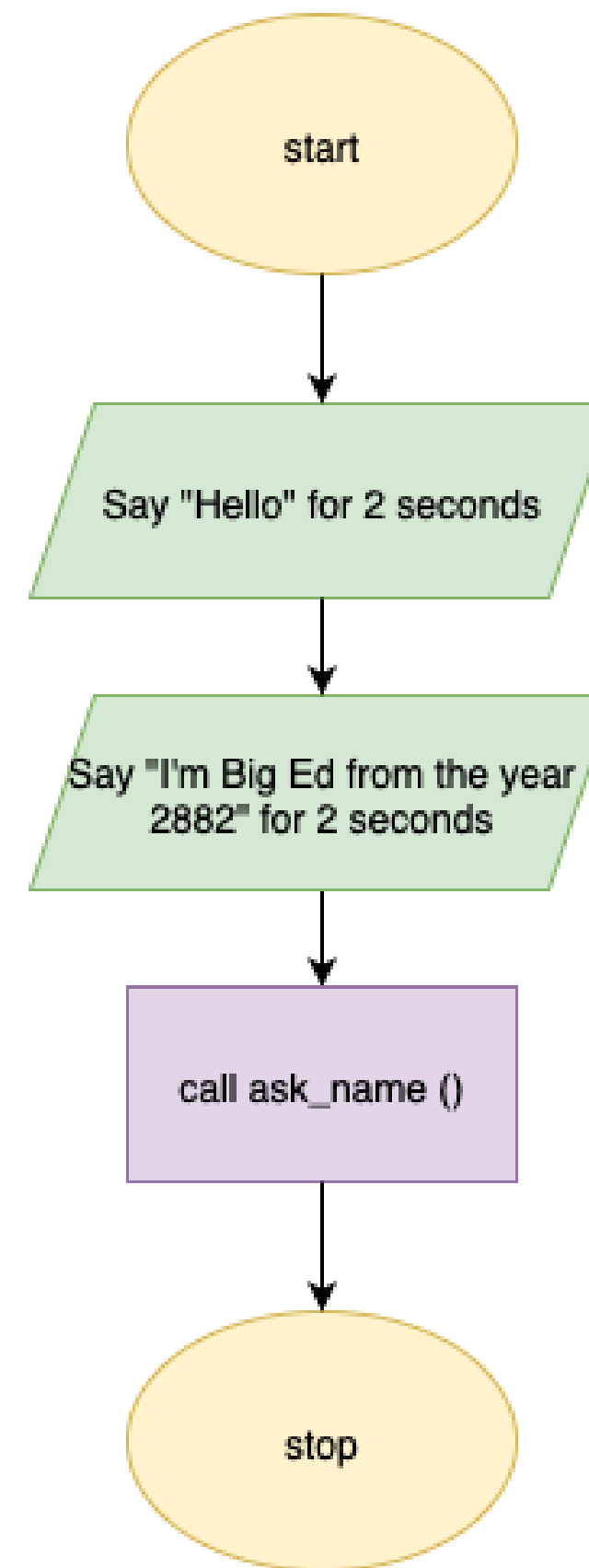


Do Now: Meet Big Ed

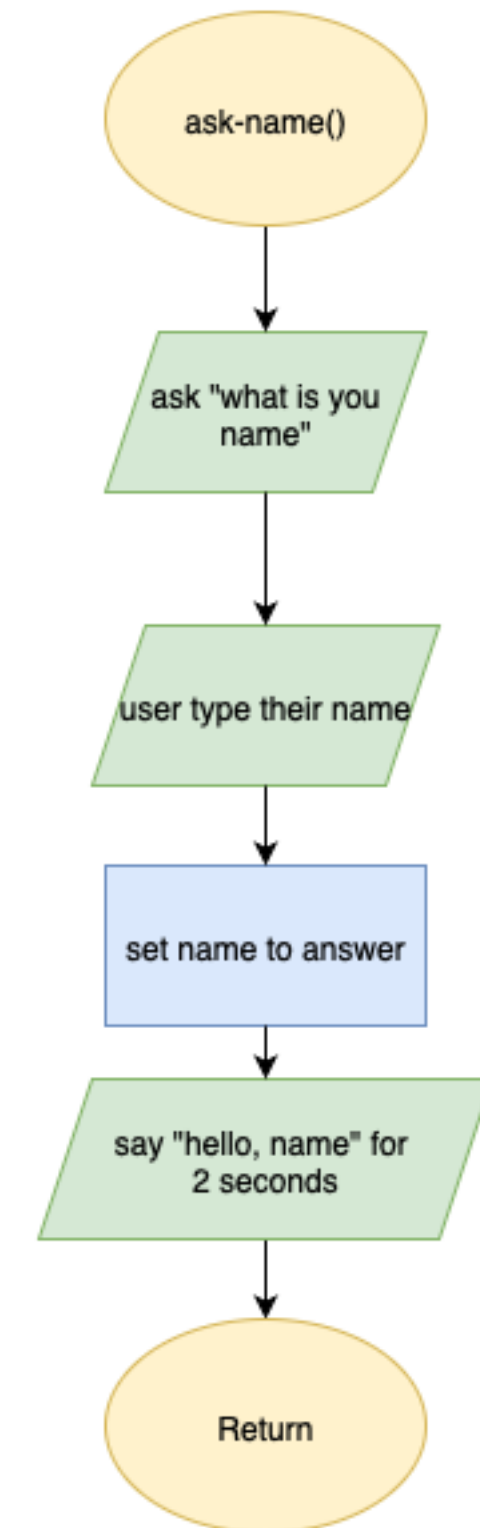
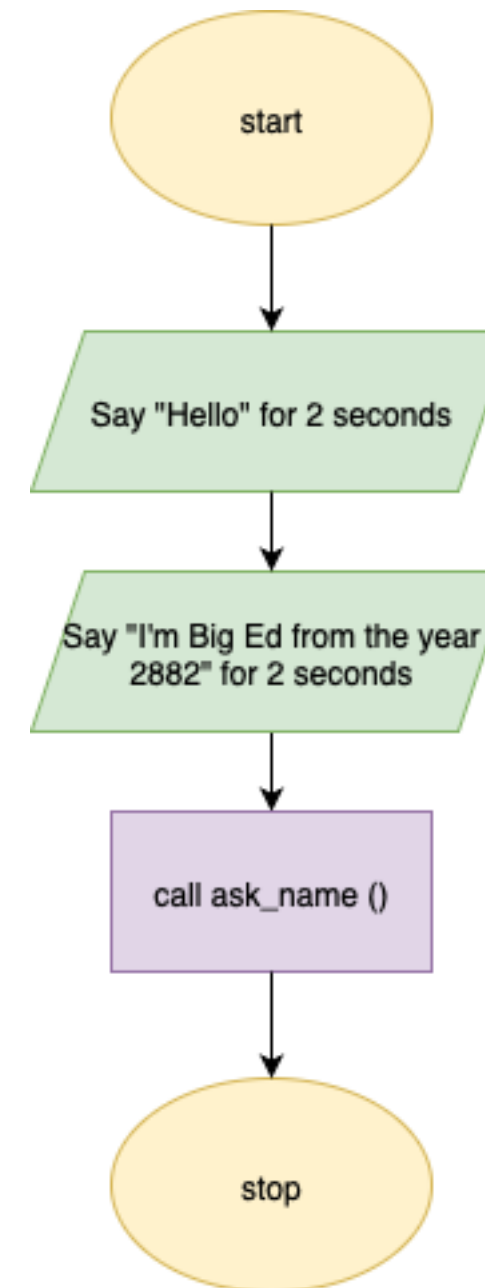
Big Ed is your friendly chatbot, a type of program which can talk to you!

Can you explain how the code behind Big Ed works?



Task 1

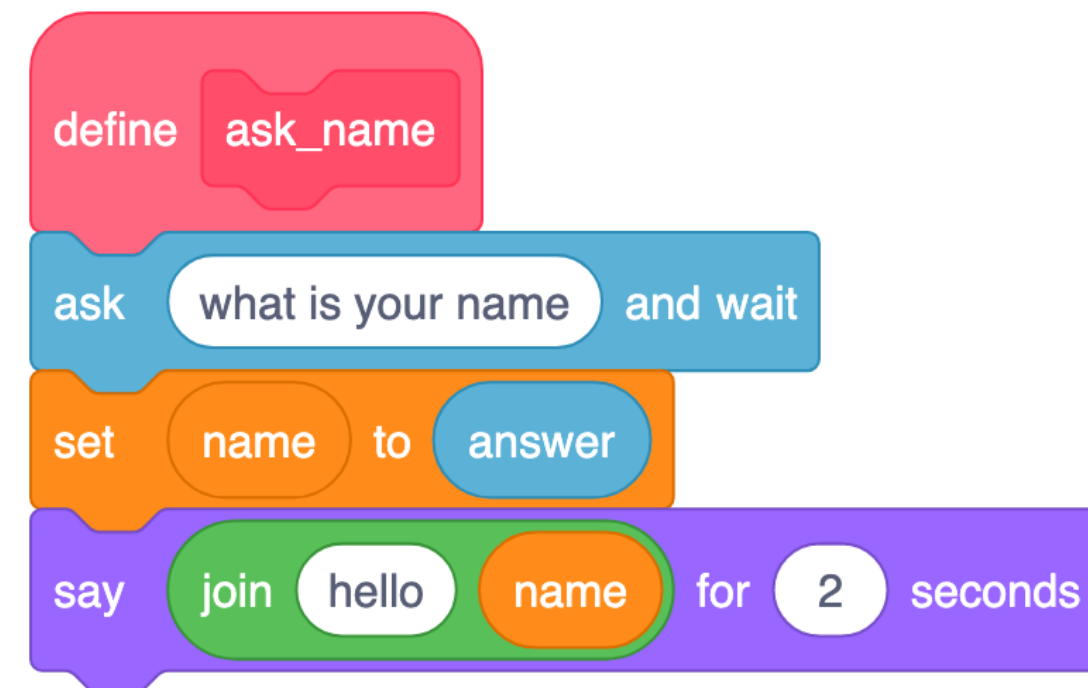
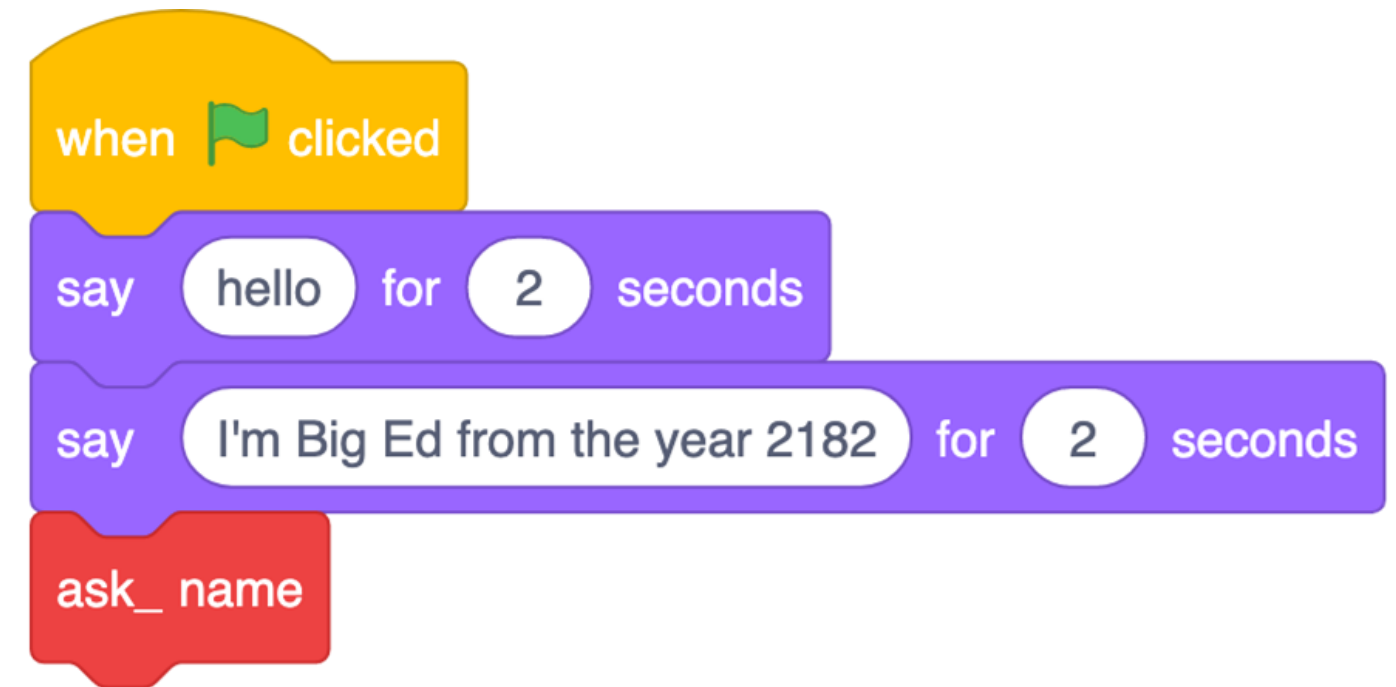
- Go to www.scratch.mit.edu and if you have an account, log in. Otherwise, create a new account!
- Use the flowchart on the right to create a program in **Scratch** that follows its steps and logic.
- Select a new sprite to be the face your chatbot.
- Copy and run the code on the right to start your chatbot.



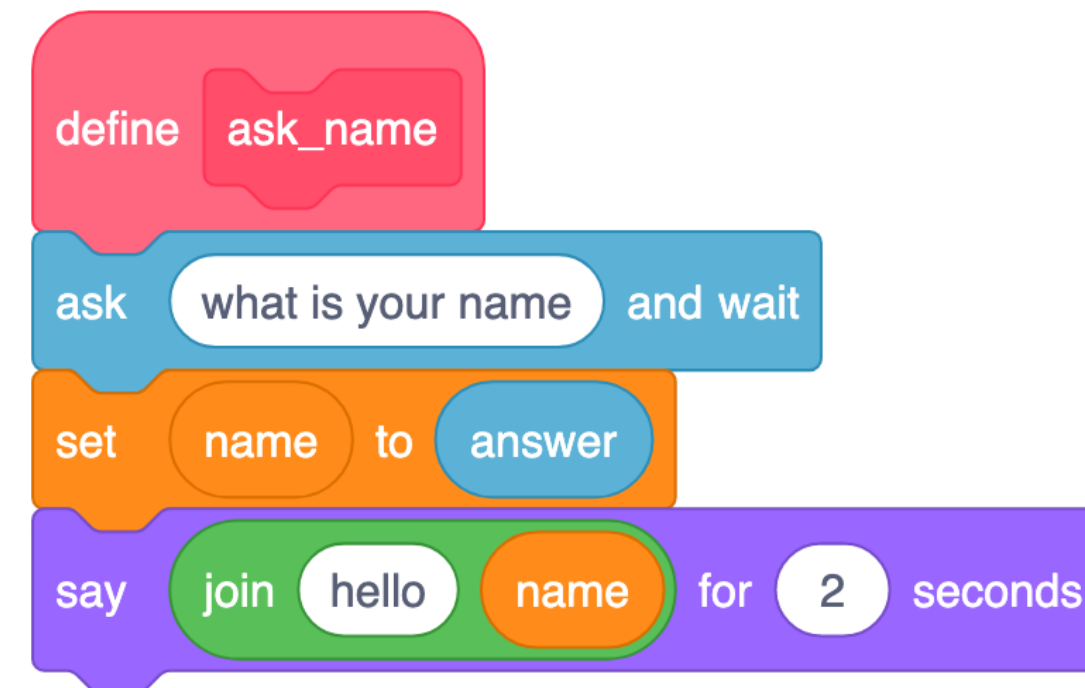
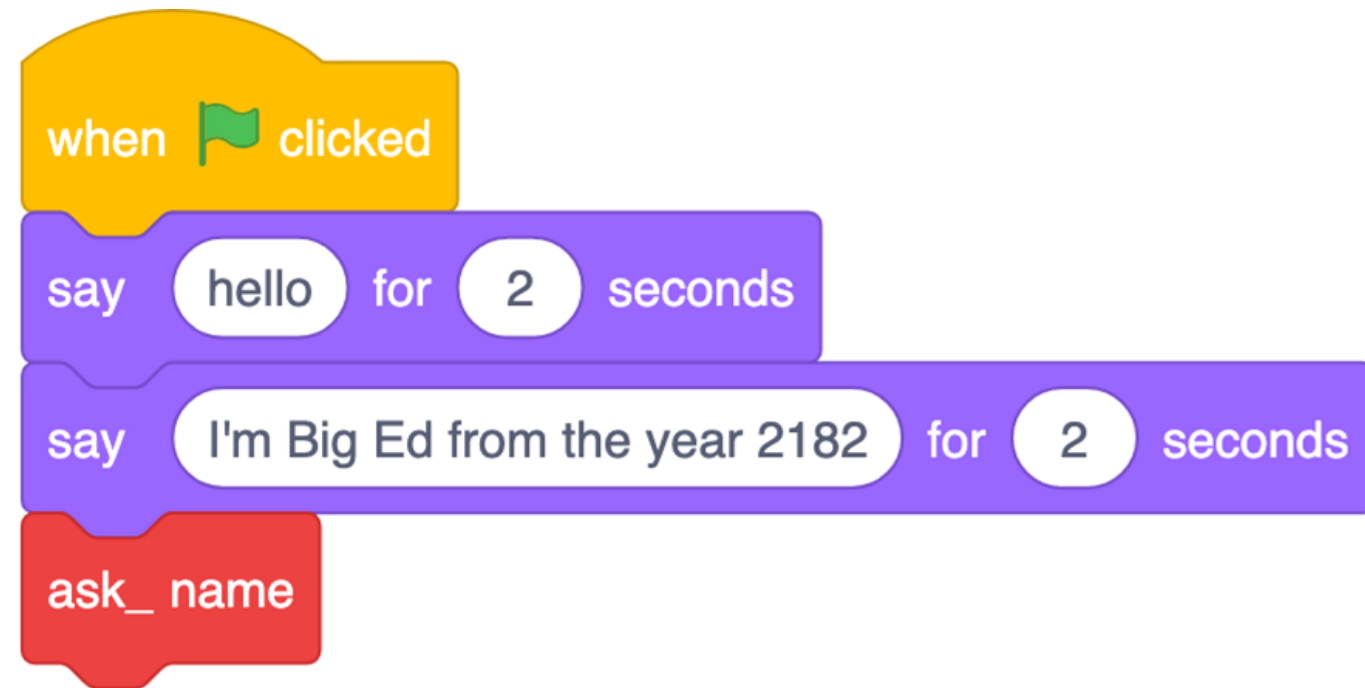
Meet Big Ed

Big Ed is your friendly chatbot, a type of program which can talk to you!

Can you explain how the code behind Big Ed works?



Code Explanation



Variables

A variable is a name that refers to data being stored by the computer

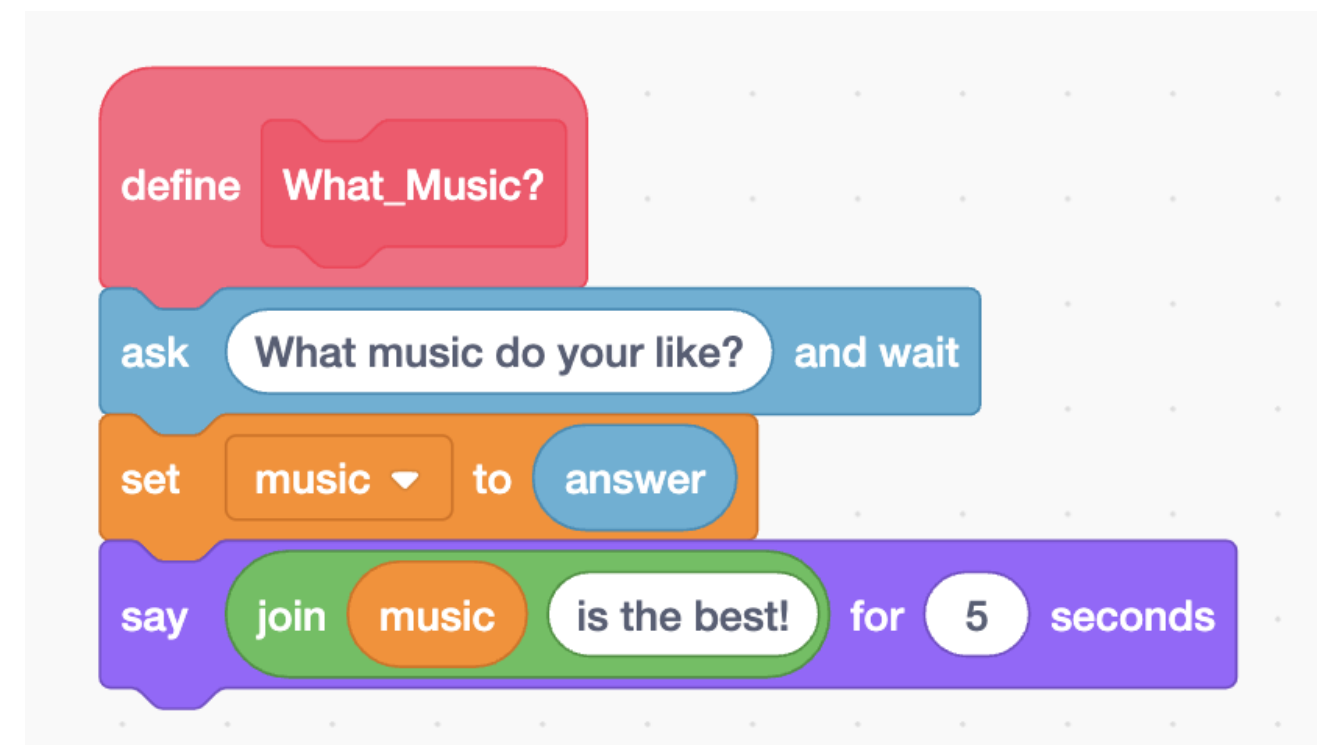
Functions

A function is a sequence of commands which are called when a single command is given.

Task 2: Add responses to your chatbot.

- Create more **functions** to allow your chatbot to discuss a range of different topics.
- You should have at least 5 **functions** with appropriate responses.
- Each function should take data in from the user and store it in a variable.
- The data from the user should be used in the output to the user feels they are being listened to!

Example:



Blog Post

- Create a blog post titled: 9.1 - Computer Programming
- Add the heading: “Creating a chatbot using Scratch”
- Add a screenshot of your work today.