Computing

Selection Lesson 3 of 6

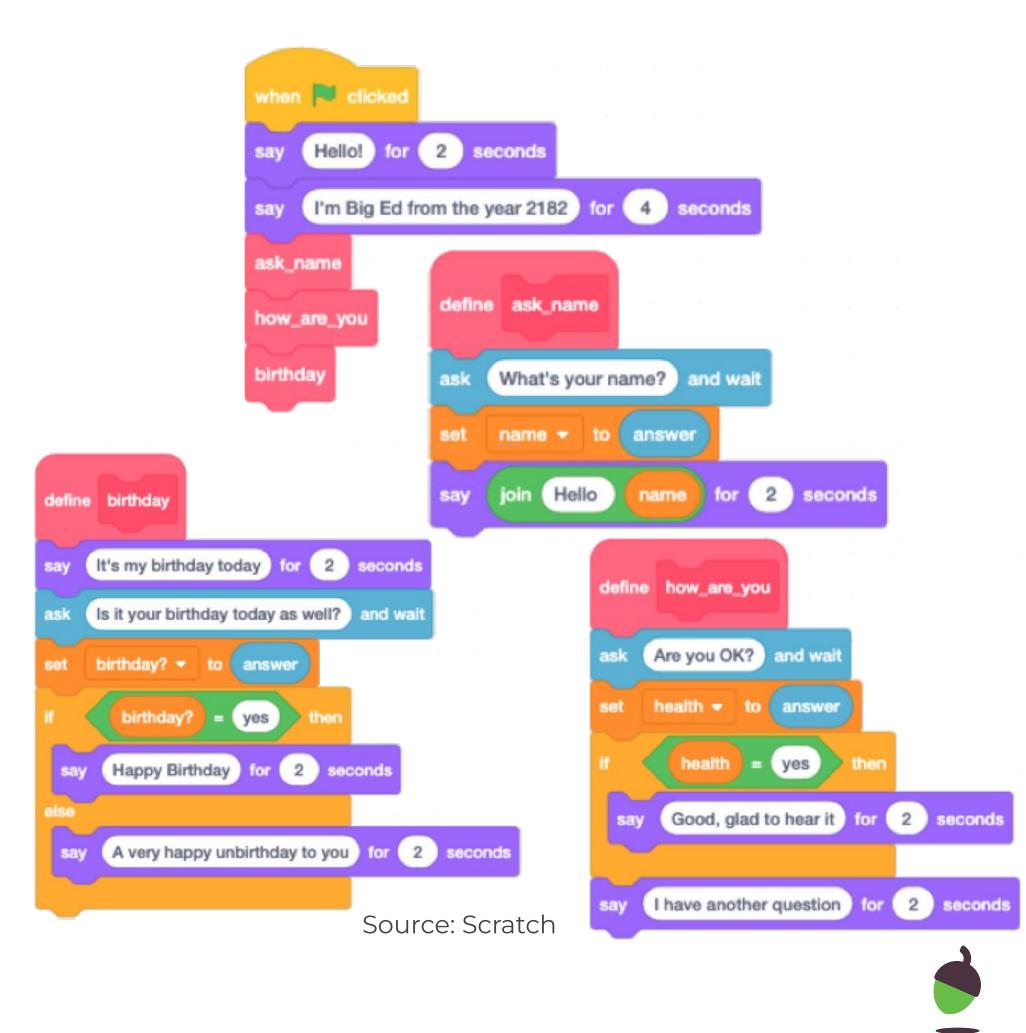
Ben Garside



Task 1 part 1: Predict

What do you predict will happen when the green flag is clicked?

Be as precise as you can (discuss **exactly** what you think will happen).



Task 1 part 2: Predict

Write down below (in as much detail as you can) what you think the code will do



Task 1 part 3: Predict

Open the following Scratch program and select See inside

https://oaknat.uk/3gjMFBz

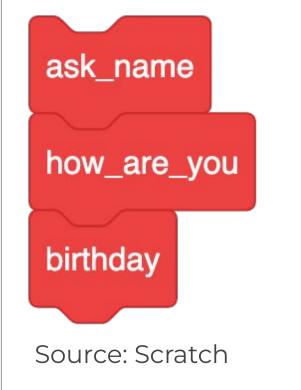
Were your predictions correct?	
Did anything surprise you about what happened when the code was executed?	
Did you miss anything out? If so, what?	



Question

Answer

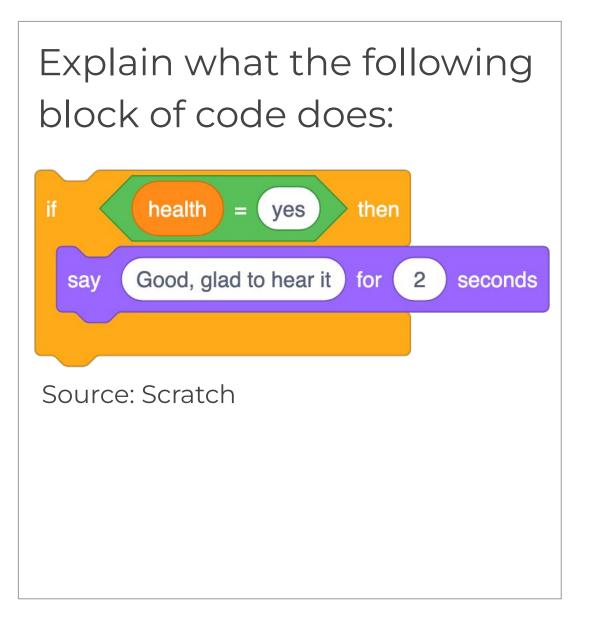
What is the purpose of the following three blocks of code?





Question

Answer





Question

Answer

What happens if you say "No" when asked "Are you OK?"



Question

What happens if you say "No" when asked if it is your birthday?

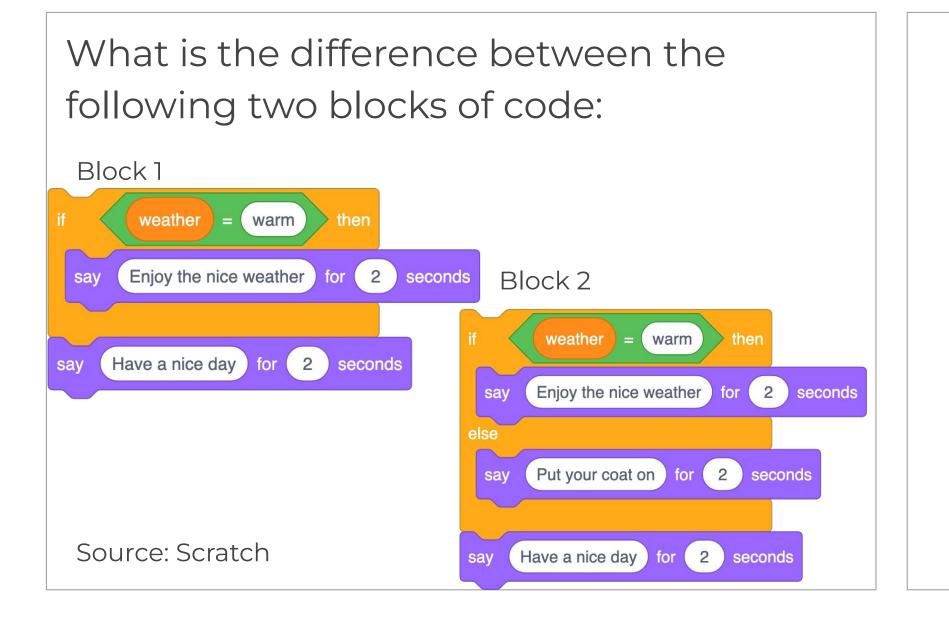
What happens if you say "Yes" when asked if it's your birthday?

Answer



Question

Answer

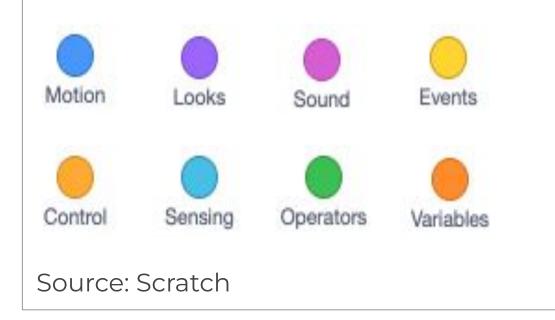




Question

Answer

From which menu on the left-hand side of the screen would you find the **If** blocks?

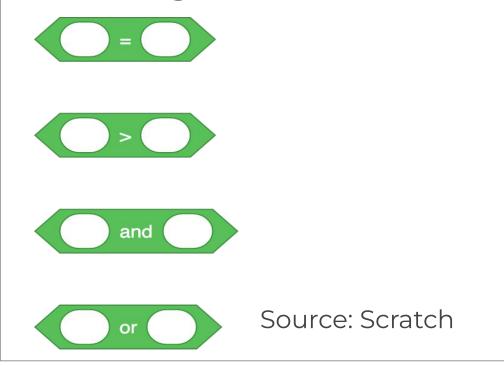




Question

Answer

From which menu on the left-hand side of the screen would you find the following blocks?





Task 3 - part 1 The Big Ed 'Easter egg'

An Easter egg in a computer program is extra (hidden) functionality. Add an Easter egg to the 'ask_name' subroutine that responds with the following, only if the user says their name is "Ed".

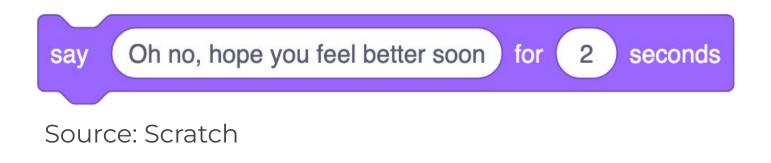


Source: Scratch



Task 3 - part 2 What if I'm not OK?

Change the 'how_are_you' subroutine so that if the user says "no" to the question "Are you OK?" then it responds with the following:



Note: Your program should still say "Good, glad to hear it", if the user says "Yes".



Task 3 - part 3 The Big Ed 'Easter egg' part 2

Modify the code that you have just added so that it will say the same message if the user says their name is either "Ed" or "Big Ed".

Take a screenshot of your program and paste below



Task 4 - Parson's Problem

I want a program that asks a single quiz question "What is the capital city of Spain?"

If the user gets the answer correct (Madrid), then it should add 1 to the score and say "That is correct". If the user doesn't answer correctly,

the program should say "Incorrect".

Your challenge is to rearrange the blocks to form a working program.

https://oaknat.uk/3gjMFBz

