

Aim: To use conditional statements to provide different output based on randomly generated conditions stored in variables

```
1
2 live_loop :conditional do
3   use_random_seed Time.now.to_i
4   if rand_i == 0
5     play 60
6     sleep 1
7   else
8     play 80
9     sleep 1
10  end
11 end
```

Write out what each line of code is doing.

Format your response like this:

Line 2: *explanation of what this line is doing*

Line 4: *explanation of what this line is doing*

```
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2  live_loop :conditional do
3    use_random_seed Time.now.to_i
4    if rand_i == 0
5      play 60
6      sleep 1
7    else
8      play 80
9      sleep 1
10   end
11 end
```



Students, write your response!

Copy and paste this code into Sonic Pi and run it.

— — —

```
live_loop :conditional do
  use_random_seed Time.now.to_i
  puts "flip!"
  play 60 if rand_i == 0
  play 80 if rand_i == 1
  sleep 1
end
```

**Write an observation about what you saw/heard
happening in the code.**



Students, write your response!

Why do you think our code is behaving this way?



Students, write your response!

Task:

Create a live loop.

Store the results of the dice roll in a variable.

Have a different note play for each number on the dice.

Use single line conditional statements.

Copy and paste your code here



Students, write your response!