**Algorithm Random\_Song\_Play(Playlist)**

Input: A list of songs (Playlist)

Output: Randomly select and play a song

Step 1: Start

Step 2: Input the Playlist (an array of songs)

Step 3: Get the total number of songs in the Playlist (let this be N)

Step 4: Generate a random number between 1 and N (let this be Song\_Index)

Step 5: Play the song at Playlist[Song\_Index]

Step 6: End   
  
Algorithm Arithmetic\_Operation(A, B, Operator)

Input: Two variables A, B and an Operator (either +, -, \*, or /)

Output: Result of the arithmetic operation

**If Else Conditions:**Problem: Perform a specified arithmetic operation (for example: addition, subtraction, multiplication, or division) on two variables / given number is positive, negative, or zero. Result = A + B

Else If Operator is '-', then

Result = A - B

Else If Operator is '\*', then

Result = A \* B

Else If Operator is '/', then

If B ≠ 0, then

Result = A / B

Else

Print "Error: Division by zero"

Stop