

Assignment no. 1

```
1  # include <stdio.h>
2  #include <stdbool.h>
3
4  #define NUM_PATHWAYS ((int)(sizeof(pathways) / sizeof(pathways[0])))    //defining number of array
5
6  int main(void){
7      //bool pathways[8] = {true, false, true,false, false,false, false, false};
8      bool pathways[8] = {[0]=1, [2] =1}; // index 0 and 2 are true so we assign 1 as value and the rest will be automatically 0
9
10     for (int i = 0 ; i < NUM_PATHWAYS; i++){ //Loop and if else statement to determine whether the pathway is open or close
11
12         if (pathways[i]){
13             printf("pathway[%d] is open \n", i);
14         }else{
15             printf("pathway [%d] is closed \n", i);
16         }
17     }
18     return 0;
19 }
20
21
```

Assignment 2.

Still on the process