

```
1 #include "uss.h"
2 #include "../vars/constants.h"
3
4 class Sensors
5 {
6     private:
7         uss Front = uss(constants::pins::uss::Front_Sens,
8             constants::pins::uss::Trigger);
9         uss Back = uss(constants::pins::uss::Back_Sens,
10             constants::pins::uss::Trigger);
11         uss Left = uss(constants::pins::uss::Left_Sens,
12             constants::pins::uss::Trigger);
13         uss Right = uss(constants::pins::uss::Right_Sens,
14             constants::pins::uss::Trigger);
15
16     public:
17     bool CanGoFront()
18     {
19         Serial.println(Front.MeasureDistance());
20         return true;
21         return Front.MeasureDistance() >
22             constants::uss::FrontBack_Min_Distance;
23     }
24     bool CanGoBack()
25     {
26         return Back.MeasureDistance() >
27             constants::uss::FrontBack_Min_Distance;
28     }
29     bool CanGoLeft()
30     {
31         return Left.MeasureDistance() >
32             constants::uss::Side_Min_Distance;
33     }
34     bool CanGoRight()
35     {
36         return Right.MeasureDistance() >
37             constants::uss::Side_Min_Distance;
38     }
39 };
```