

```
1 #ifndef _ODOMETRY_  
2 #define _ODOMETRY_  
3  
4 #include "main.h"  
5 #include "ports.h"  
6  
7 class IMUOdometry {  
8 public:  
9     //Odometry(ADIEncoder left, ADIEncoder right, ADIEncoder back, pros::IMU imu, double  
backdistance, double track);  
10     OdomState step();  
11 private:  
12     pros::IMU imu;  
13     //ADIEncoder left, right, back;  
14     int prevleft, prevright, prevback;  
15     OdomState prevState;  
16  
17  
18  
19 };  
20  
21 #endif
```