

robot\_ws\src\assign2\_650610841\assign2\_650610841\butler\_650610841.py

```
1 import rclpy
2 from rclpy.node import Node
3
4 from myword_650610841.srv import SumFourInt
5
6 class MinimalService(Node):
7
8     def __init__(self):
9         super().__init__('butler_650610841')
10        self.srv = self.create_service(SumFourInt, 'sum_four_ints', self.sum_four_ints_callback)
11
12
13    def sum_four_ints_callback(self, request, response):
14        response.i = request.a + request.b + request.c + request.d
15        self.get_logger().info('Yes, sir! Order is a: %d b: %d c: %d d: %d' % (request.a,
16        request.b, request.c, request.d))
17
18        return response
19
20 def main():
21     rclpy.init()
22
23     minimal_service = MinimalService()
24
25     rclpy.spin(minimal_service)
26
27     rclpy.shutdown()
28
29
30 if __name__ == '__main__':
31     main()
```